

**NEWFIELD**



July 22, 2005

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 6-22-9-15, 8-22-9-15, and  
12-22-~~9~~<sup>10</sup>-15.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

**RECEIVED**

**JUL 26 2005**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.

UTU-66185

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Ashley

8. Lease Name and Well No.

Ashley Federal 12-22-9-15

9. API Well No.

43-013-3 2859

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

NW/SW Sec. 22, T9S R15E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NW/SW (Lot #3) 1891' FSL 476' FWL 566 259X 40.01435

At proposed prod. zone

4429429Y -110.22363

14. Distance in miles and direction from nearest town or post office\*

Approximatley 16.5 miles southwest of Myton, Utah

15. Distance from proposed\*

location to nearest  
property or lease line, ft.

(Also to nearest drig. unit line, if any) Approx. 476' f/lse, 476' f/unit

16. No. of Acres in lease

2,286.43

17. Spacing Unit dedicated to this well

Approx. 40 Acres

18. Distance from proposed location\*

to nearest well, drilling, completed,  
applied for, on this lease, ft.

Approx. 1421'

19. Proposed Depth

6055'

20. BLM/BIA Bond No. on file

UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

6476' GL

22. Approximate date work will start\*

4th Quarter 2005

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office).\*

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized officer.

25. Signature

Name (Printed/Typed)

Date

Mandie Crozier

7/22/05

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

BRADLEY G. HILL

08-09-05

Title

ENVIRONMENTAL SCIENTIST III

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct  
operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action Is Necessary

RECEIVED  
JUL 26 2005  
DIV. OF OIL, GAS & MINING

**T9S, R15E, S.L.B.&M.**

WEST - 68.28 (G.L.O.)

S89°52'54"W - 1869.19' (Meas. to c.c.)

1867.94' (Meas. to True Corner)

S89°57'29"W - 2634.76' (Meas.)

1910  
Brass Cap  
c.c.

1910  
Brass Cap

1910  
Brass Cap

Lot 1

Lot 2

Lot 3

Lot 4

**WELL LOCATION:  
ASHLEY UNIT 12-22**

ELEV. UNGRADED GROUND = 6476.0'

**22**

1910  
Brass Cap

1910  
Brass Cap

476'

1891'

N00°00'18"W - 2642.79' (Meas.)  
N0°01'W (G.L.O.)  
N00°05'46"W - 2644.62' (Meas.)

Old Indian Treaty Boundary

S3°30'W (G.L.O.)  
S03°31'12"W - 5277.43' (Measured from Milestone 30 to 31)

Marked Stone  
& Rebar

31 M

1910  
Brass Cap  
c.c.

S89°52'54"W - 2192.95' (Meas. to c.c.)

2193.01' (Meas. to True Corner)

WEST G.L.O. (Basis of Bearings)

WEST - 73.26 (G.L.O.)

2638.99' (Measured)

S03°29'20"W - 5267.18' (Measured from Milestone 31 to 32)

Set 5/8" Rebar at Cedar Post Marked MM32

32 M

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**NEWFIELD PRODUCTION COMPANY**

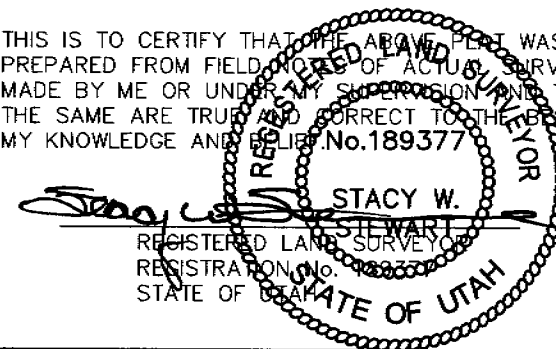
WELL LOCATION, ASHLEY UNIT 12-22,  
LOCATED AS SHOWN IN LOT 3 OF  
SECTION 22, T9S, R15E, S.L.B.&M.  
DUCHESE COUNTY, UTAH.



**Note:**

The Well Footages are Measured at  
Right angles to the Section line.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No.189377



**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.P.

DATE: 6-22-05

DRAWN BY: F.T.M.

NOTES:

FILE #

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #12-22-9-15  
NW/SW (LOT #3) SECTION 22, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 2610'
Green River	2610'
Wasatch	6055'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2610' - 6055' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.



NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #12-22-9-15  
NW/SW (LOT #3) SECTION 22, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #12-22-9-15 located in the NW 1/4 SW 1/4 Section 22, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 13.1 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road 2880'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surfaces equipment will be painted Olive Black.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #03-59, 9/15/03. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

For the Ashley Federal #12-22-9-15 Newfield Production Company requests 790' of disturbed area be granted in Lease UTU-68548 and 2090' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 790' of disturbed area be granted in Lease UTU-68548 and 2090' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**  
**None.**

**Reserve Pit Liner**

A 12 mil liner with felt will be used at the operators own discretion. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Needle and Threadgrass	<i>Stipa Comata</i>	6 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	5 lbs/acre
Wyoming Big Sagebrush		1 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal #12-22-9-15 was on-sited on 4/12/05. The following were present; Shon Mckinnon (Newfeild Production), Brad Mecham (Newfield Production), Byron Tolman (Bureau of Land Management), and Amy Torres (Bureau of Land Management). Weather conditions were clear.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

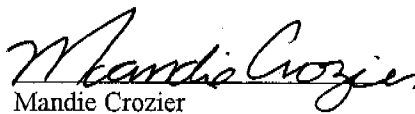
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #12-22-9-15 NW/SW Section 22, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7/22/05

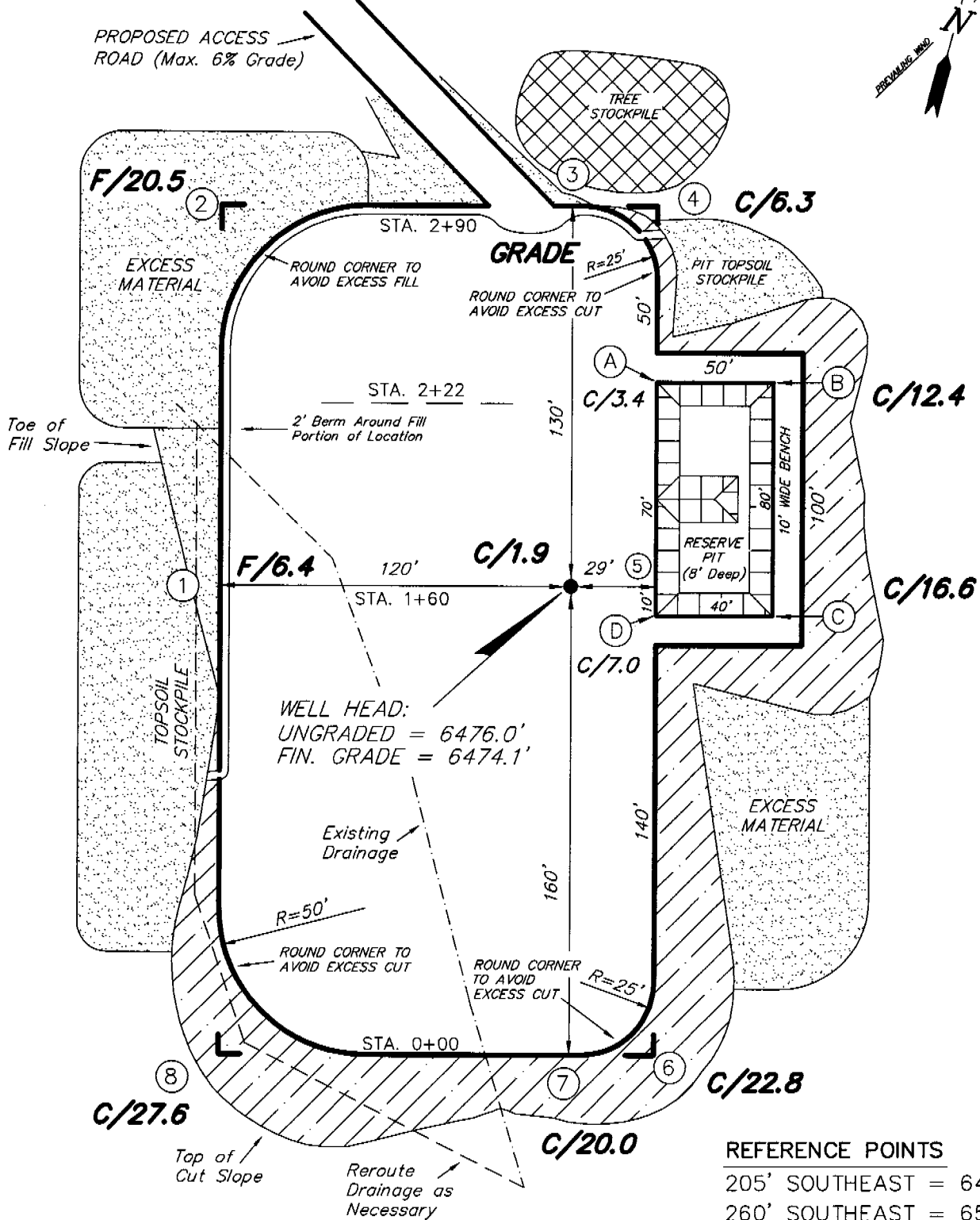
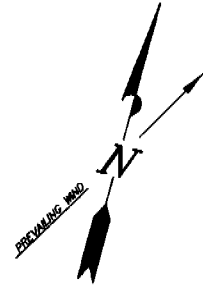
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

## ASHLEY UNIT 12-22

Section 22, T9S, R15E, S.L.B.&M.



### REFERENCE POINTS

205' SOUTHEAST	= 6499.8'
260' SOUTHEAST	= 6507.1'
170' SOUTHWEST	= 6465.7'
220' SOUTHWEST	= 6461.5'

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 6-22-05

**Tri State**  
 Land Surveying, Inc.

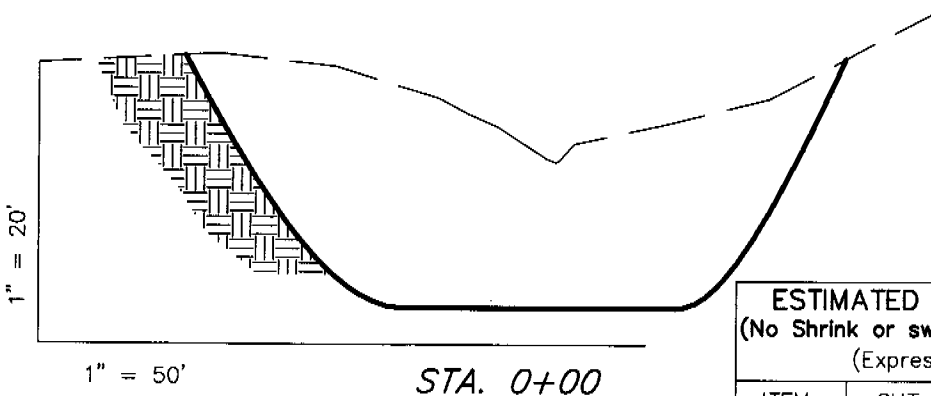
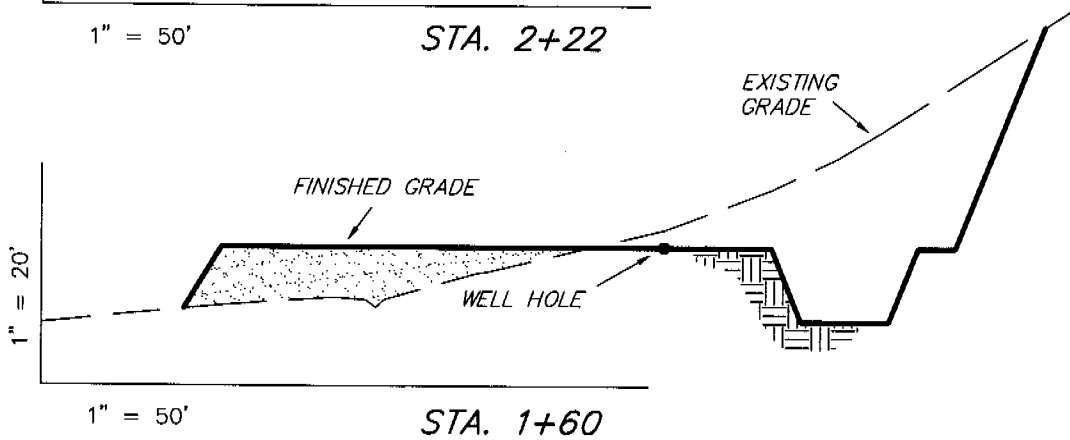
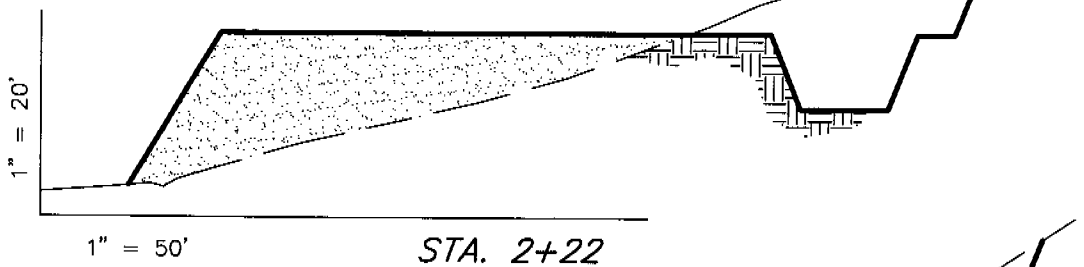
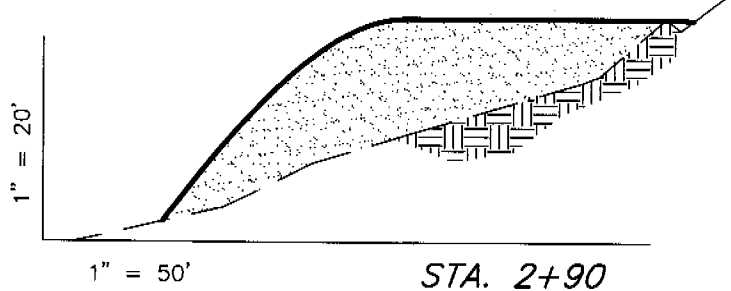
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### ASHLEY UNIT 12-22



NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
FILL SLOPES ARE AT 1.5:1

#### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	13,300	6,480	Topsoil is not included in Pad Cut	6,820
PIT	640	0		640
TOTALS	13,940	6,480	1,210	7,460

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 6-22-05

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

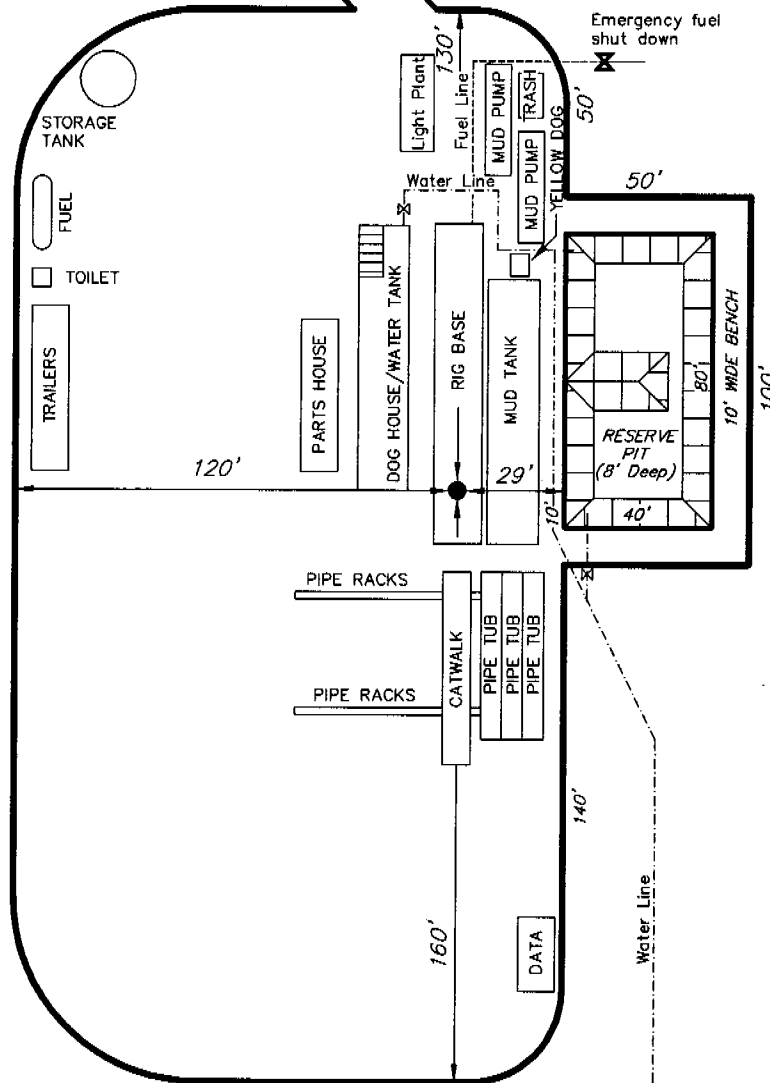
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 12-22

PROPOSED ACCESS  
ROAD (Max. 6% Grade)



SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

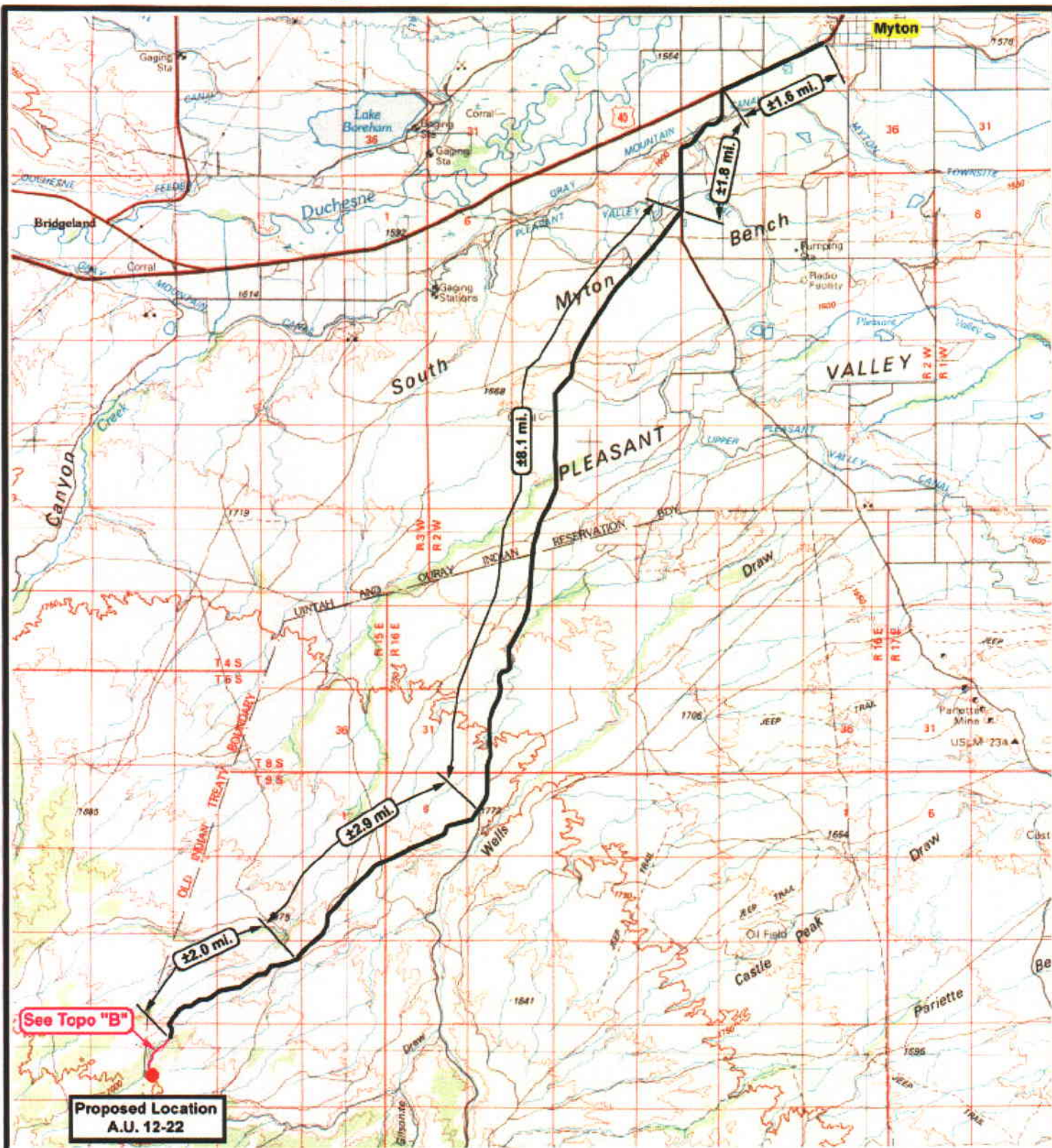
DATE: 6-22-05

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078





 **NEWFIELD**  
Exploration Company

**Ashley Unit 12-22-9-15**  
**SEC. 22, T9S, R15E, S.L.B.&M.**



 **Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 06-27-2005

**Legend**  
— Existing Road  
— Proposed Access

TOPOGRAPHIC MAP

**"A"**





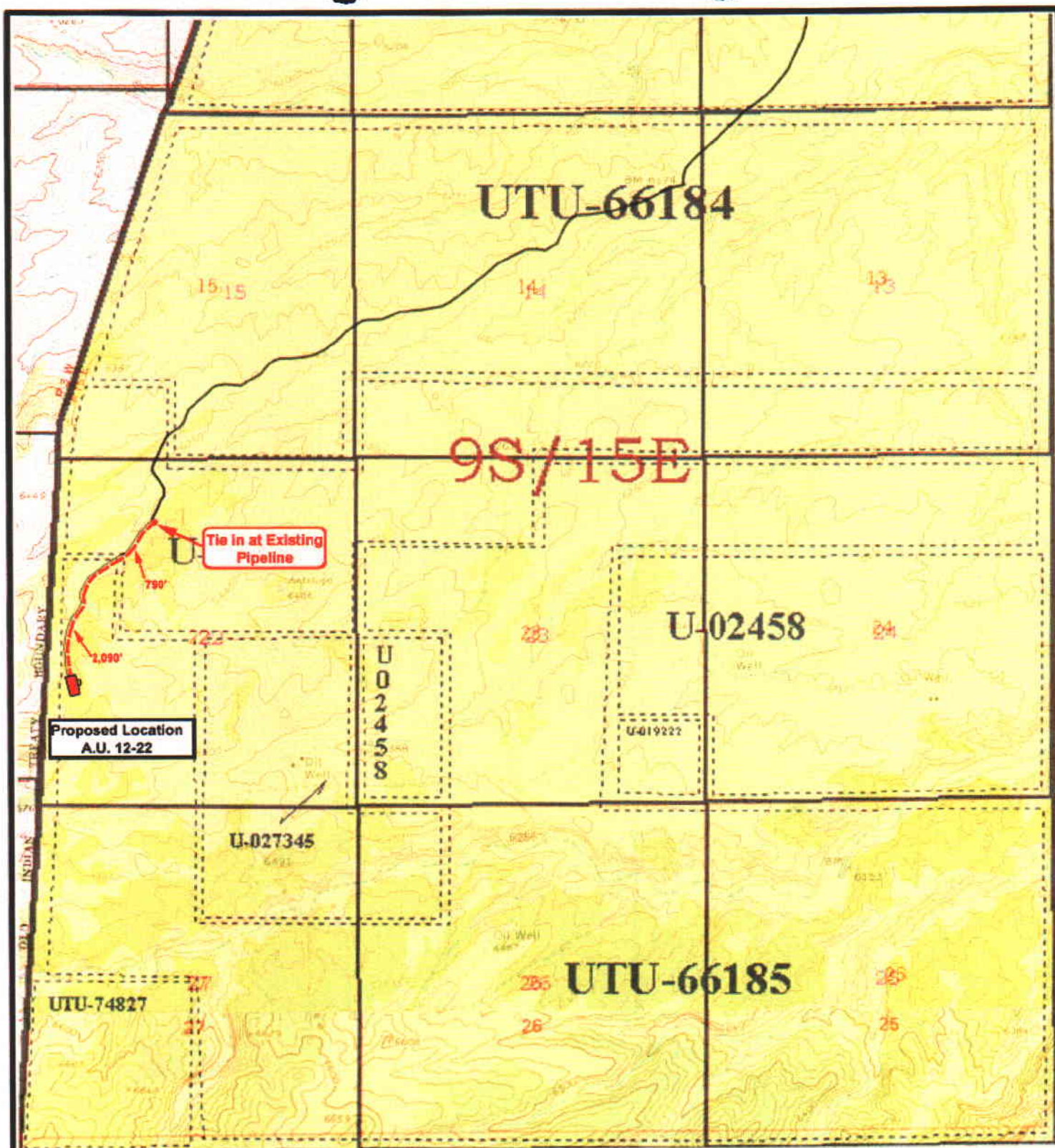
**Ashley Unit 12-22-9-15**  
**SEC. 22, T9S, R15E, S.L.B.&M.**



DATE: 06-27-2005

"B"





**NEWFIELD**  
Exploration Company

**Ashley Unit 12-22-9-15**  
**SEC. 22, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 06-27-2005

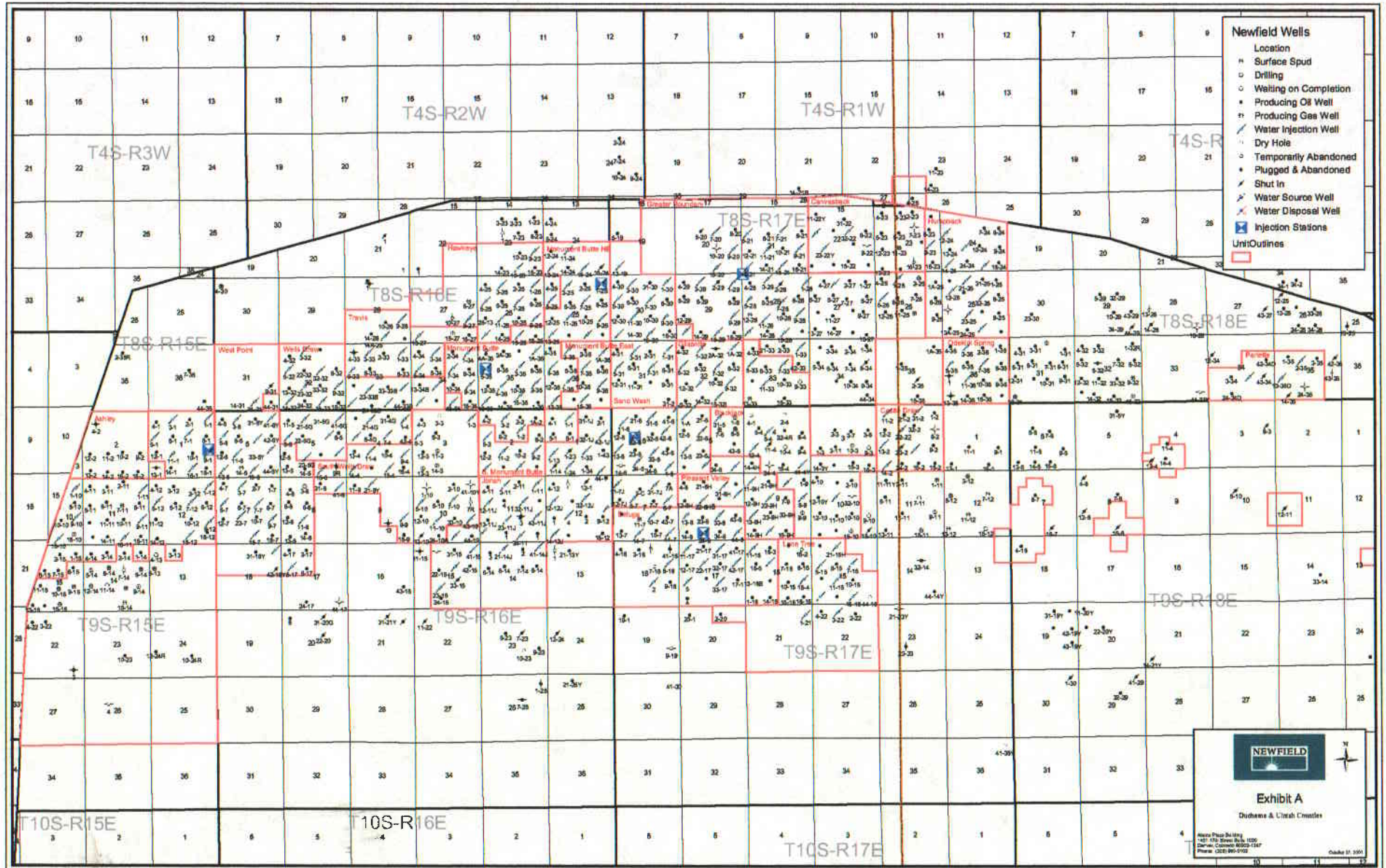
**Legend**

— Roads  
- - - Proposed Gas Line

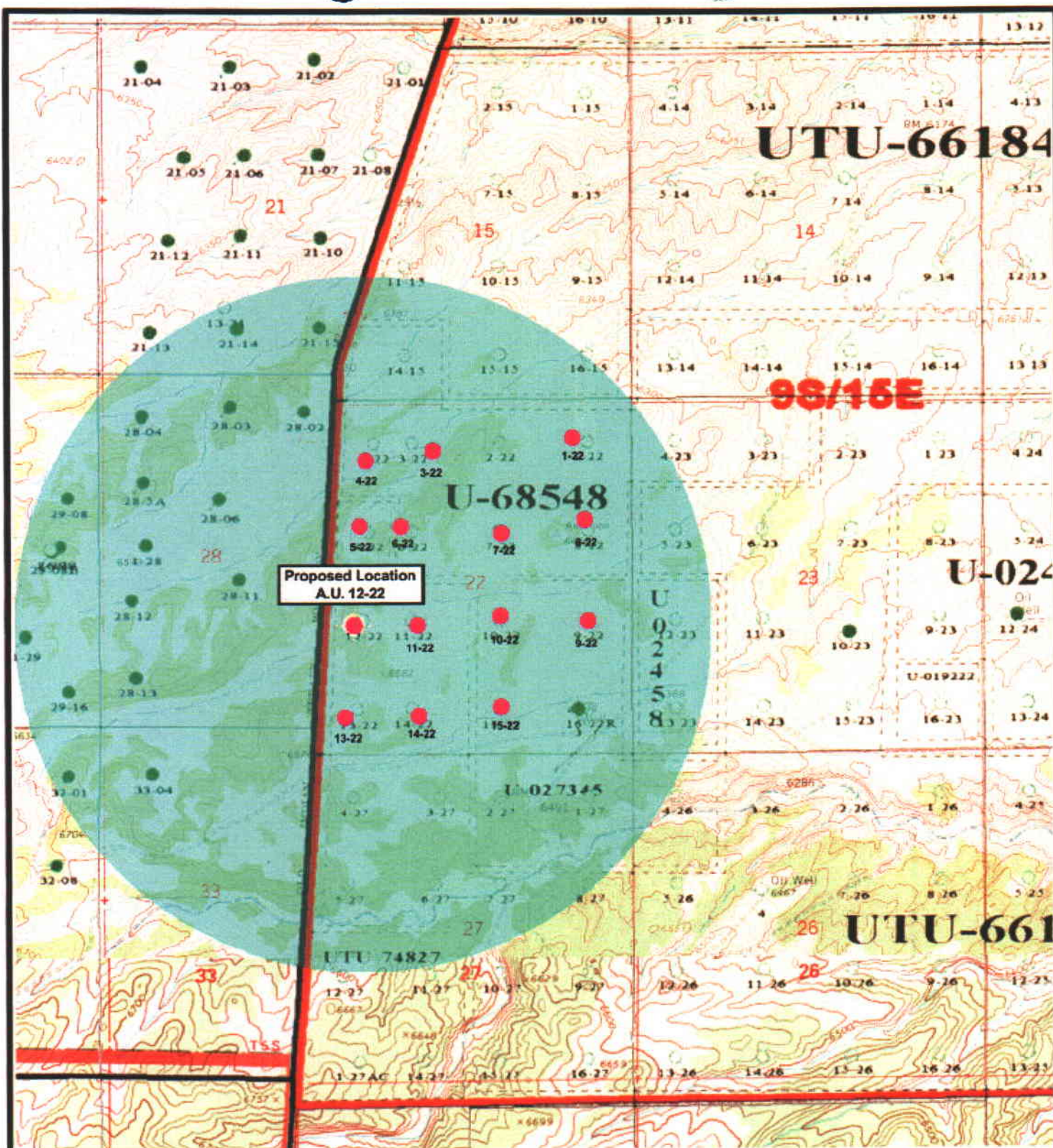
TOPOGRAPHIC MAP

**"C"**









**Ashley Unit 12-22-9-15  
SEC. 22, T9S, R15E, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 06-27-2005

**Legend**

- Proposed Location
- One-Mile Radius

**Exhibit "B"**

## 2-M SYSTEM

Blowout Prevention Equipment Systems

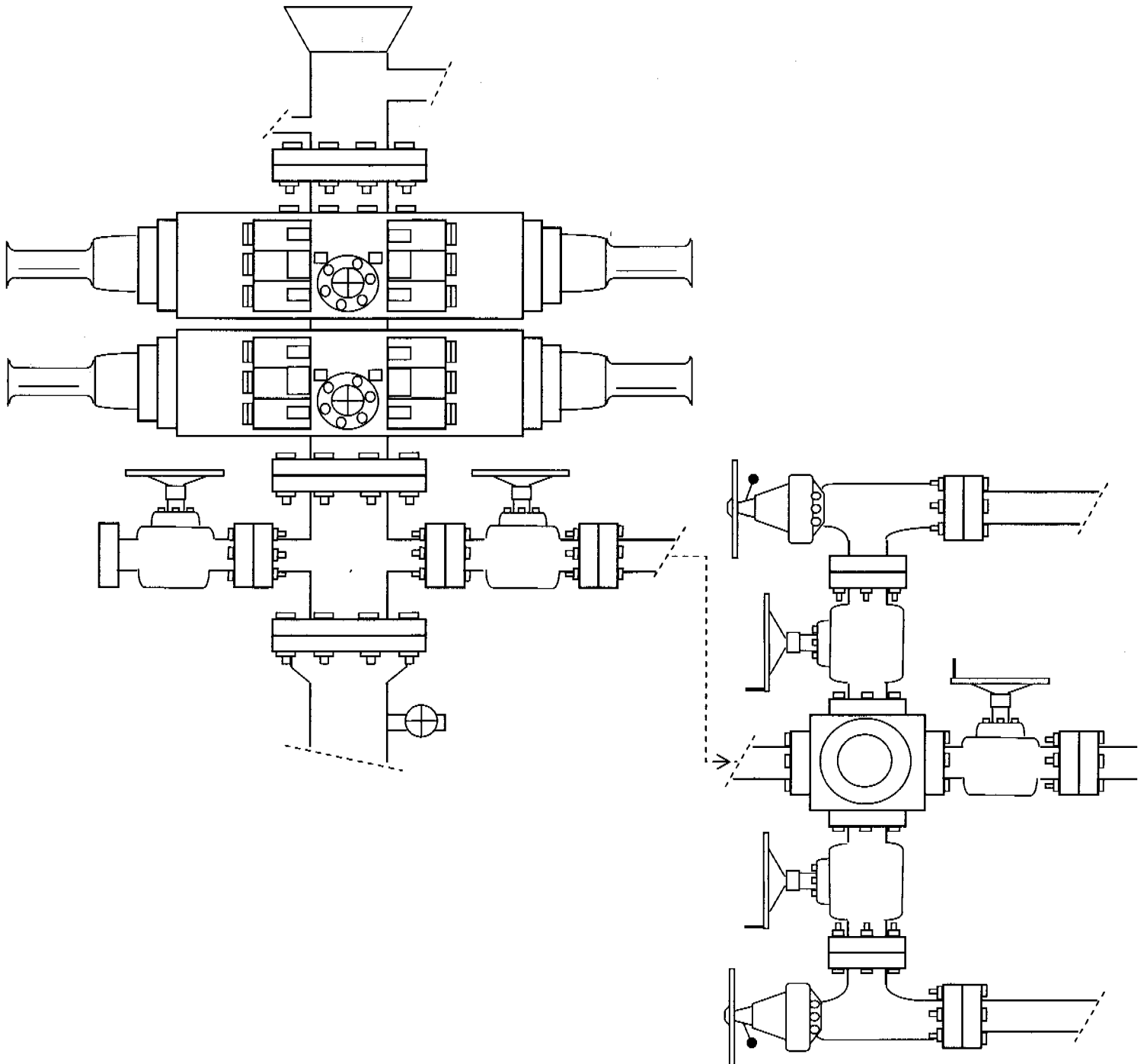


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
INLAND RESOURCES' 1573 ACRE ASHLEY UNIT, IN  
TOWNSHIP 9S, RANGE 15E, SECTIONS 22, 23 AND 24,  
DUCHESNE COUNTY, UTAH

By:

Christopher M Nicholson  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
Vernal, Utah

Prepared Under Contract With:

Inland Resources  
Route 3, Box 3630  
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

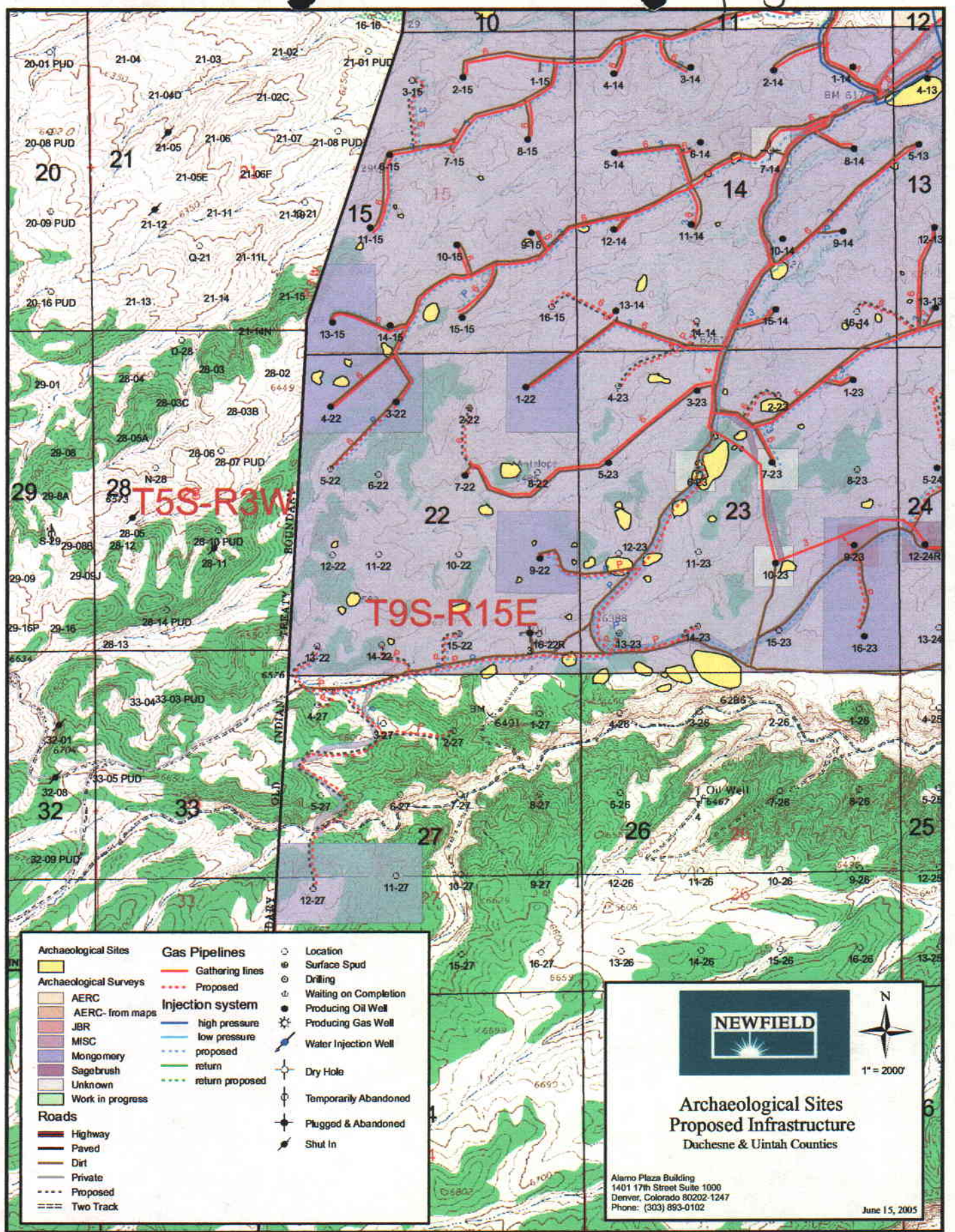
MOAC Report No. 03-59

September 15, 2003

United States Department of Interior (FLPMA)  
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-03-MQ-0392b







**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE COUNTY, UTAH**

(South half Section 13, south half Section 14, south half Section 15,  
entire Sections 22, 23, 24, T 9 S, R 15 E; Section 5 minus SW &  
SE 1/4, SE 1/4, and existing well site at NW 1/4, NE 1/4, T 9 S, R 18 E)

**REPORT OF SURVEY**

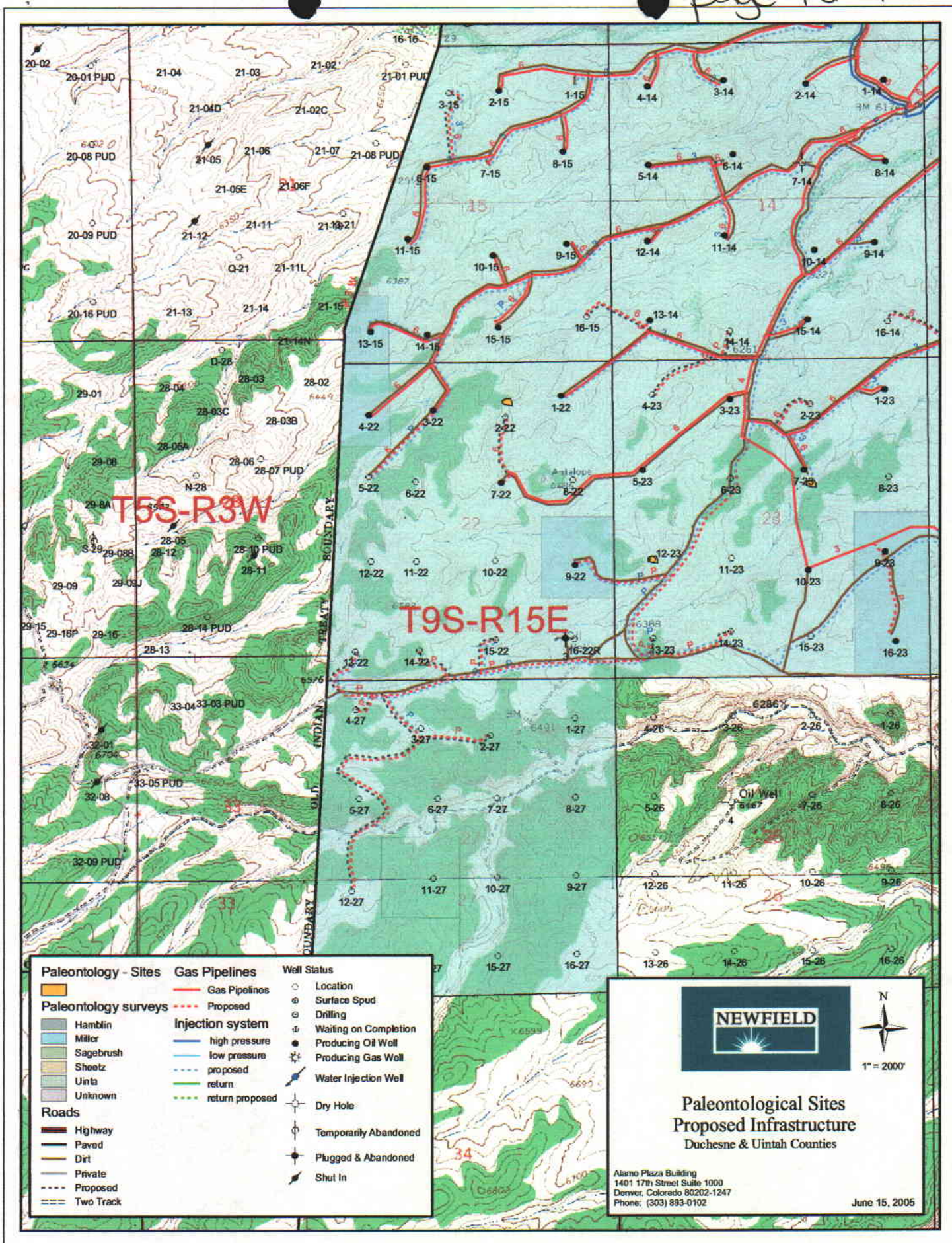
Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 7, 2003







**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/26/2005

API NO. ASSIGNED: 43-013-32859

WELL NAME: ASHLEY FED 12-22-9-15

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

**PROPOSED LOCATION:**

NWSW 22 090S 150E

SURFACE: 1891 FSL 0476 FWL

BOTTOM: 1891 FSL 0476 FWL

DUCHESNE

MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66185

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.01435

LONGITUDE: -110.2236

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT0056 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

\_\_\_\_ R649-2-3.  
Unit ASHLEY  
\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: Suspends General Siting  
\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: (Sep, Separate file)

STIPULATIONS: 1- Federal approved



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

July 28, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2005 Plan of Development Ashley Unit, Duchesne County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32857	Ashley Fed	6-22-9-15 Sec 22 T09S R15E 1949 FNL 1157 FWL
43-013-32858	Ashley Fed	8-22-9-15 Sec 22 T09S R15E 1813 FNL 0720 FEL
43-013-32859	Ashley Fed	12-22-9-15 Sec 22 T09S R15E 1891 FSL 0476 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Ashley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:7-28-05



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 9, 2005

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Ashley Federal 12-22-9-15 Well, 1891' FSL, 476' FWL, NW SW,  
Sec. 22, T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32859.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Newfield Production Company  
**Well Name & Number** Ashley Federal 12-22-9-15  
**API Number:** 43-013-32859  
**Lease:** UTU-66185

**Location:** NW SW                      **Sec.** 22                      **T.** 9 South                      **R.** 15 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

# RECEIVED

JUL 26 2005

Form 3160-3  
(September 2001)

## BLM VERNAL, UTAH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

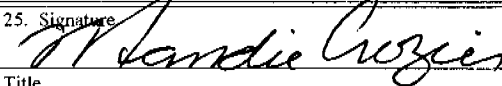

### APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-66185	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley	
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal 12-22-9-15	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-32859	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW (Lot #3) 1891' FSL 476' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximately 16.5 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area NW/SW Sec. 22, T9S R15E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 476' f/lse, 476' f/unit		12. County or Parish Duchesne	
16. No. of Acres in lease 2,286.43		13. State UT	
17. Spacing Unit dedicated to this well Approx. 40 Acres			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1421'		20. BLM/BIA Bond No. on file UT0056	
19. Proposed Depth 6055'			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6476' GL		22. Approximate date work will start* 4th Quarter 2005	
		23. Estimated duration Approximately seven (7) days from spud to rig release.	
24. Attachments			

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 7/22/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Howard B. Cleavage	Date 04/04/2006
Title Assistant Field Manager Mineral Resources	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

## NOTICE OF APPROVAL

## CONDITIONS OF APPROVAL ATTACHED

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

## RECEIVED

APR 06 2006

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Newfield Production Company  
Well No: Ashley Federal 12-22-9-15  
API No: 43-013-32859

Location: NSW, Sec. 22, T9S, R15E  
Lease No: UTU-66185  
Agreement: Ashley Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
After hours contact number: (435) 781-4513		FAX: (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |  |
|---|--|
| Location Construction<br>(Notify Chris Carusona)            | - Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Chris Carusona)              | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                  | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Jamie Sparger SPT)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)      | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD
- All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
- The proposed buried pipelines will be laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
- The proposed action is in crucial big game winter range for elk and mule deer. According to the lease, No new drilling or surface disturbing activities (including road construction) will be allowed from **December 1<sup>st</sup> through April 30<sup>th</sup>**. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities
- The proposed action is in Ferruginous hawk nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities (including road construction) may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **March 1<sup>st</sup> through July 15<sup>th</sup>**, No new drilling or surface disturbing activities will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from March 1<sup>st</sup> through July 15<sup>th</sup> a new survey for Ferruginous hawk is needed with the exception request.
- The proposed action is in Cooper's hawk nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities (including road construction) may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **May 1<sup>st</sup> through August 15<sup>th</sup>**, No new drilling or surface disturbing activities will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from May 1<sup>st</sup> through August 15<sup>th</sup> a new survey for Cooper's hawk is needed with the exception request.
- Submit a ROW for road and pipelines.



- According the lease, No vehicle travel, construction or new surface disturbing activities shall be performed during periods when the soil is dry, snow covered, or frozen from November 1<sup>st</sup> through April 30th. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- The reserve pit will be lined with a 16 ml or greater liner.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
- Prevent fill and stock piles from entering drainages.
- **CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.** Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
- The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- All well facilities not regulated by OSHA will be painted Olive Black.

- Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.
- Interim Reclamation (see below):
  - Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
  - Interim Reclamation Seed Mix for location:

• Galleta grass	<i>Hilaria jamesii</i>	6 lbs/acre
• Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
Per Live Seed Total		12 lbs/acre
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.
- There shall be no primary or secondary noxious weeds in the seed mixture.
- Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

- **DOWNHOLE CONDITIONS OF APPROVAL**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

**SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended

for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be

submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 12-22-9-15

Api No: 43-013-32859 Lease Type: FEDERAL

Section 22 Township 09S Range 15E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### SPUDDED:

Date 05/18/06

Time 9:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by JUSTIN CRUM

Telephone # (435) 823-6733

Date 05/18/2006 Signed CHD

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2685

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15388	43-013-32859	ASHLEY FEDERAL 12-22-9-15	NW/SW	22	9S	16E	DUCHESNE	05/18/06	5/25/06

WELL 1 COMMENTS:

GRRV

- K

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 6 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign a well from one existing entity to another existing entity
- D - Re-assign a well from one existing entity to a new entity
- E - Other (explain in comment's section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED  
MAY 25 2006

DIV. OF OIL, GAS & MINING

*Lana Nobeker*  
Signature  
Lana Nobeker  
Production Clerk  
May 25, 2006  
Date



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on back of form

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1891 FSL 476 FWL

NW/SW Section 22 T9S R15E

5. Lease Serial No.

UTU66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

ASHLEY UNIT

8. Well Name and No.

ASHLEY FEDERAL 12-22-9-15

9. API Well No.

4301332859

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5/18/06 MIRU NDSI NS # 1. Spud well @ 8:00 AM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 310 KB. On 5/20/06 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 8 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Justin Crum

Signature

Title

Drilling Foreman

Date

05/25/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED  
MAY 26 2006

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 308.05

LAST CASING 8 5/8" set @ 308.05'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 310' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Ashley Federal 12-22-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS # 1

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe 37.00'					
		WHI - 92 csg head			8rd	A	0.95
8	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	300.51
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			298.05
TOTAL LENGTH OF STRING		298.05	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>308.05</b>
TOTAL		296.2	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		296.2	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud 5/18/2006	8:00 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		5/18/2006		Bbls CMT CIRC TO SURFACE <u>8</u>			
BEGIN CIRC		5/20/2006		RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		5/20/2006					
BEGIN DSPL. CMT		5/20/2006		BUMPED PLUG TO <u>374</u> PSI			
PLUG DOWN		5/20/2006					

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3		

COMPANY REPRESENTATIVE Justin Crum DATE 5/20/2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1891 FSL 476 FWL

NW/SW Section 22 T9S R15E

5. Lease Serial No.

UTU66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 12-22-9-15

9. API Well No.

4301332859

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)

Mandie Crozier

Title

Regulatory Specialist

Signature

Date

06/23/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

JUN 26 2006

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

43013 32859  
T 9S R 15E S22



IN REPLY REFER TO  
3180  
UT-922

JUL 13 2006

Newfield Exploration Company  
Attn: Laurie Deseau  
1401 Seventeenth Street, Suite 1000  
Denver, Colorado 80202

Re: 14<sup>th</sup> Revision of the Green River Formation PA "A"  
Ashley Unit  
Duchesne County, Utah

Gentlemen:

The 14<sup>th</sup> Revision of the Green River Formation Participating Area "A", Ashley Unit, UTU73520A, is hereby approved effective as of April 1, 2006, pursuant to Section 11(a) of the Ashley Unit Agreement, Duchesne County, Utah.

The 14<sup>th</sup> Revision of the Green River Formation Participating Area "A", results in the addition of 142.78 acres to the participating area for a total of 5,706.75 acres and is based upon the completion of the following Unit Wells, as wells capable of producing unitized substances.

WELL NO.	API NO.	LOCATION	LEASE NO.
10-22	43-013-32825	NWSE, 22-9S-15E	UTU027345
11-22	43-013-32826	NESW, 22-9S-15E	UTU66185
12-22	43-013-32859	Lot 3, 22-9S-15E	UTU66184
12-23	43-013-32830	NWSW, 23-9S-15E	UTU02458

OK

OK

15388 → 12419

15392 → 12419

Copies of the approved requests are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 14<sup>th</sup> Revision of the Green River Formation Participating Area "A", Ashley Unit and its effective date.

Sincerely,

/s/ Douglas F. Cook

Douglas F. Cook  
Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

JUL 14 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	15388	12419	43-013-32859	ASHLEY FEDERAL 12-22-9-15	NW/WSW	22	9S	15E	DUCHESNE	05/18/06	7/20/06
WELL 1 COMMENTS: <u>GRUV</u>											
C	15392	12419	43-013-32830	ASHLEY FEDERAL 12-23-9-15	NW/WSW	23	9S	15E	DUCHESNE	5/21/06	7/20/06
WELL 2 COMMENTS: <u>GRUV</u>											
A	99999	15515	43-047-35784	STATE 10-2-9-18	NW/SE	2	9S	18E	UINTAH	07/14/06	7/20/06
WELL 3 COMMENTS: <u>GRUV</u>											
A	99999	15516	43-047-35783	STATE 12-2-9-18	NW/WSW	2	9S	18E	UINTAH	07/16/06	7/20/06
WELL 4 COMMENTS: <u>GRUV</u>											
A	99999	15517	43-047-35776	STATE 4-2-9-18	NW/NW	2	9S	18E	UINTAH	07/18/06	7/20/06
WELL 5 COMMENTS: <u>GRUV</u>											
WELL 6 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for a new well (single well only)
- B - Add new well to a existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

*Lana Nebeker*  
Signature

Lana Nebeker

Production Clerk  
Title

July 19, 2006  
Date

07/20/2006 07:35

4356453031

INLAND

PAGE 02

DIV. OF OIL, GAS & MINING

JUL 20 2006

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1891 FSL 476 FWL

NW/SW Section 22 T9S R15E

5. Lease Serial No.

UTU66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 12-22-9-15

9. API Well No.

4301332859

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5/29/2006 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6065'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 140 jt's of 5.5 J-55, 15.5# csgn. Set @ 6050.26' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 13 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 92,000 #'s tension. Release rig @ 2:00 AM on 6/03/06.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Troy Zufelt

Title

Drilling Foreman

Signature

Date

06/03/2006

Approved by

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Office

Date

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(Instructions on reverse)

JUN 06 2006

BLM OF CO., GAS & WATER

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

LAST CASING <u>8 5/8"</u> SET AT <u>308'</u> DATUM <u>12' KB</u> DATUM TO CUT OFF CASING <u>12'</u> DATUM TO BRADENHEAD FLANGE _____ TO DRILLER <u>6065</u> LOGGER <u>6072'</u> HOLE SIZE <u>7 7/8"</u>	CASING SET AT <u>6050.26</u> Fit cllr @ <u>6004.65</u> OPERATOR <u>Newfield Production Company</u> WELL <u>ASHLEY FEDERAL 12-22-9-15</u> FIELD/PROSPECT <u>Monument Butte</u> CONTRACTOR & RIG # <u>NDSI Rig # 1</u>
--	---

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		5.92' short jt @ 3909.04'					
139	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5992.65
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.36
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6052.26
TOTAL LENGTH OF STRING		6052.26	140	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		175.32	4	CASING SET DEPTH			<b>6050.26</b>
TOTAL		<b>6212.33</b>	144	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6212.33	144				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		3:00 PM	6/2/2006	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		6:00 PM	6/2/2006	Bbls CMT CIRC TO SURFACE <u>13</u>			
BEGIN CIRC		6:15 PM	6/2/2006	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		7:52 PM	6/2/2006	DID BACK PRES. VALVE HOLD ? _____			
BEGIN DSPL. CMT		8:42 PM	6/2/2006	BUMPED PLUG TO <u>1705</u> PSI			
PLUG DOWN		<b>21:09</b>	<b>6/2/2006</b>				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	325	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE <u>Troy Zufelt</u>	DATE <u>6/3/2006</u>
---	----------------------

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA A

8. Well Name and No.

ASHLEY 12-22-9-15

9. API Well No.

4301332859

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1891 FSL 476 FWL

NWSW Section 22 T9S R15E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 06/12/06 - 06/22/06

Subject well had completion procedures initiated in the Green River formation on 06-12-06 without the use of a service rig over the well. A cement bond log was run and a total of three Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5502'-5508'), (5464'-5468'), (5423'-5438'); Stage #2 (5115'-5125'), (5083'-5093'); Stage #3 (4649'-4664'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 06-20-2006. Bridge plugs were drilled out and well was cleaned to 6004'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 06-22-2005.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lana Nebeker

Signature

Title

Production Clerk

Date

07/25/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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(Instructions on reverse)

RECEIVED

JUL 26 2006

DIV. OF OIL, GAS & MINING



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

**1a. TYPE OF WORK**

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

**1b. TYPE OF WELL**

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

**2. NAME OF OPERATOR**

Newfield Exploration Company

**3. ADDRESS AND TELEPHONE NO.**

1401 17th St. Suite 1000 Denver, CO 80202

**4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\***

At Surface 1891' FSL &amp; 476' FWL (NW/SW) Sec. 22, T9S, R15E

At top prod. Interval reported below

## At total depth

**14. API NO.**

43-013-32859

**DATE ISSUED**

8/9/05

**12. COUNTY OR PARISH**

Duchesne

**13. STATE**

UT

**15. DATE SPUDDED**

5/18/06

**16. DATE T.D. REACHED**

6/2/06

**17. DATE COMPL. (Ready to prod.)**

6/22/06

**18. ELEVATIONS (DF. RKB. RT. GR. ETC.)\***

6476' GL

**19. ELEV. CASINGHEAD**

6488' KB

**20. TOTAL DEPTH, MD & TVD**

6050'

**21. PLUG BACK T.D., MD & TVD**

6004'

**22. IF MULTIPLE COMPL., HOW MANY\*****23. INTERVALS DRILLED BY**

-----&gt;

**ROTARY TOOLS**

X

**CABLE TOOLS****24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\***

Green River 4649'-5508'

**25. WAS DIRECTIONAL SURVEY MADE**

No

**26. TYPE ELECTRIC AND OTHER LOGS RUN**

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

**27. WAS WELL CORED**

No

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	309'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6050'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5575'	TA @ 5476'

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	SPF/NUMBER	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(LODC) 5423'-38', 5464'-68', 5502'-08'	.46"	4/100	5423'-5508' Frac w/ 80,545# 20/40 sand in 612 bbls fluid
(A3&LODC) 5083'-93', 5115'-25'	.43"	4/80	5083'-5125' Frac w/ 88,349# 20/40 sand in 664 bbls fluid
(D2) 4649'-4664'	.43"	4/60	4649'-4664' Frac w/ 71,591# 20/40 sand in 541 bbls fluid

**33.\*****PRODUCTION**

DATE FIRST PRODUCTION 6/22/06	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 30 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 86	GAS--MCF. 80	WATER--BBL. 9	GAS-OIL RATIO 930
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

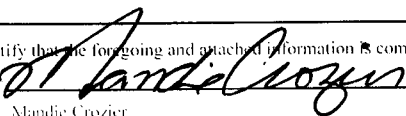
**34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)**

Sold &amp; Used for Fuel

**35. LIST OF ATTACHMENTS**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED



Mandie Crozier

TITLE

Regulatory Specialist

DIV. OF OIL, GAS &amp; MINING

DATE

8/7/2006

XIC

\*(See Instructions and Spaces for Additional Data on Reverse Side)

**RECEIVED**  
AUG 08 2006

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Ashley Federal 12-22-9-15	Garden Gulch Mkr	3588'	
				Garden Gulch 1	3802'	
				Garden Gulch 2	3914'	
				Point 3 Mkr	4154'	
				X Mkr	4422'	
				Y-Mkr	4456'	
				Douglas Creek Mkr		
				BiCarbonate Mkr	4802'	
				B Limestone Mkr	4920'	
				Castle Peak	5478'	
				Basal Carbonate	5914'	
				Total Depth (LOGGERS)	6072'	



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

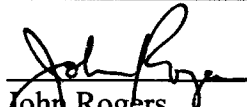
## UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-383

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 12-22-9-15  
**Location:** Section 22, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32859  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 12, 2012.
2. Maximum Allowable Injection Pressure: 1,935 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,903' – 6,004') (Note that injection top is revised upward from 4,018 feet in conversion approval)
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

Date

2/19/2014

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Ute Tribe  
Jill Loyle, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 12, 2012

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley Federal 12-22-9-15, Section 22, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32859

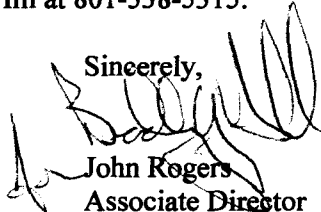
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,018 feet in the Ashley Federal 12-22-9-15 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,



John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Ute Tribe  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 12-22-9-15

**Location:** 22/9S/15E      **API:** 43-013-32859

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the Bureau of Indian Affairs (BIA). The Federal Government (BLM) and the BIA are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 308 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,050 feet. A cement bond log demonstrates adequate bond in this well up to about 3,032 feet. A 2 7/8 inch tubing with a packer is proposed at 4,599 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (2/13/2014), based on surface locations, there are 10 producing wells and 6 injection wells in the AOR. Two of the producing wells are directionally drilled, with surface locations inside the AOR and bottom hole locations outside the AOR. Additionally, there is 1 approved surface location inside the AOR for a directional well to be drilled to a bottom hole location outside the AOR and 1 approved surface location outside the AOR for a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1900 feet. Injection shall be limited to the interval between 3,903 feet and 6,004 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 12-22-9-15 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,935 psig. The requested maximum pressure is 1,935 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley Federal 12-22-9-15**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

**Note:** Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 2/3/2012 (rev. 2/13/2014)

4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

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A NEWSPAPER AGENCY COMPANY  
www.mediaone.com

Deseret News  
www.deseretnews.com

PROOF OF PUBLICATION

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CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	1/17/2012

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMB
8015385340	0000758932 /
SCHEDULE	
Start 01/16/2012	End 01/16/2012
CUST. REF. NO.	
UIC-383	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL R	
SIZE	
69 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
236.84	

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-383

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 13, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
Ashley Federal 10-14-9-15 well located in NW/4 SE/4, Section 14, Township 9 South, Range 15 East  
API 43-013-32401  
Ashley Federal 14-14-9-15 well located in SE/4 SW/4, Section 14, Township 9 South, Range 15 East  
API 43-013-32670  
Ashley Federal 16-15-9-15 well located in SE/4 SE/4, Section 15, Township 9 South, Range 15 East  
API 43-013-32642  
Ashley Federal 4-22-9-15 well located in NW/4 NW/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32428  
Ashley Federal 10-22-9-15 well located in NW/4 SE/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32825  
Ashley Federal 12-22-9-15 well located in NW/4 SW/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32859  
Ashley Federal 14-22-9-15 well located in SE/4 SW/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32823  
Federal 21-13Y well located in NE/4 NW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-31400

The proceeding will be conducted in accordance with Utah Admin. 2649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of January, 2012.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-383 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 01/16/2012 End 01/16/2012

SIGNATURE

1/17/2012

VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 581439  
My Commission Expires  
January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT



# AFFIDAVIT OF PUBLICATION

RECEIVED  
JAN 19 2012  
DIV. OF OIL, GAS & MINING

County of Duchesne,  
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of January, 20 12, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of January, 20 12, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

*Kevin Ashby*

Publisher

Subscribed and sworn to before me this

17 day of January, 20 12

*Bonnie Parrish*

Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-383

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 13, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH

TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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API 43-013-31400

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340.

If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of January, 2012.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/

Brad Hill

Permitting Manager

Published in the Uintah Basin Standard January 17, 2012.

License  
Medical

Buying all raw fur! All stages of put up, route monthly. Contact Ryan Custin 307-630-7144.

Misc Wanted

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-383

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 13, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-32401

Ashley Federal 14-14-9-15 well located in SE/4 SW/4, Section 14, Township 9 South, Range 15 East  
API 43-013-32670

Ashley Federal 16-15-9-15 well located in SE/4 SE/4, Section 15, Township 9 South, Range 15 East  
API 43-013-32642

Ashley Federal 4-22-9-15 well located in NW/4 NW/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32428

Ashley Federal 10-22-9-15 well located in NW/4 SE/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32825

Ashley Federal 12-22-9-15 well located in NW/4 SW/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32859

Ashley Federal 14-22-9-15 well located in SE/4 SW/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32823

Federal 21-13Y well located in NE/4 NW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-31400

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

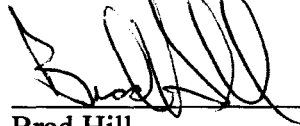
Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or

notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10<sup>th</sup> day of January, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 10-14-9-15, ASHLEY FEDERAL 14-14-9-15,  
ASHLEY FEDERAL 16-15-9-15, ASHLEY FEDERAL 4-22-9-15,  
ASHLEY FEDERAL 10-22-9-15, ASHLEY FEDERAL 12-22-9-15,  
ASHLEY FEDERAL 14-22-9-15, FEDERAL 21-13Y**

**Cause No. UIC-383**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

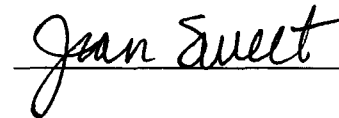
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US EPA Region 8  
MS 8P-W-GW  
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Denver, CO 80202-1129

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Ute Tribe  
P O Box 190  
Ft Duchesne, UT 84026

  
\_\_\_\_\_

**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-383**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 1/12/2012 1:05 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-383

---

On 1/12/2012 11:35 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

Hello. It will publish Jan. 17.  
Thanks  
Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 12, 2012

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-383

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**From:** "Fultz, Mark" <naclegal@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 1/12/2012 1:30 PM  
**Subject:** UIC-383  
**Attachments:** OrderConf.pdf

AD# 758932  
Run Trib/DNews - 1/16  
Cost \$236.84  
Thank you  
Mark

## Order Confirmation for Ad #0000758932-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>EMail</b>	earlenerussell@utah.gov	Jean	mfultz

<b>Total Amount</b>	<b>\$236.84</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$236.84</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1

**Payment Method** **PO Number** UIC-383

**Confirmation Notes:**

**Text:** Jean

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 69 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	01/16/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	01/16/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	01/16/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	01/16/2012	

### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-383

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 13, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Units

Ashley Federal 10-14-9-15 well located in NW/4 SE/4, Section 14, Township 9 South, Range 15 East  
API 43-013-32401

Ashley Federal 14-14-9-15 well located in SE/4 SW/4, Section 14, Township 9 South, Range 15 East  
API 43-013-32670

Ashley Federal 16-15-9-15 well located in SE/4 SE/4, Section 15, Township 9 South, Range 15 East  
API 43-013-32642

Ashley Federal 4-22-9-15 well located in NW/4 NW/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32426

Ashley Federal 10-22-9-15 well located in NW/4 SE/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32825

Ashley Federal 12-22-9-15 well located in NW/4 SW/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32859

Ashley Federal 14-22-9-15 well located in SE/4 SW/4, Section 22, Township 9 South, Range 15 East  
API 43-013-32823

Federal 21-13Y well located in NE/4 NW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-31400

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of January, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Brad Hill  
Permitting Manager  
758932

UPAXLP





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 12, 2012

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-383

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



January 3, 2012

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Ashley Federal #12-22-9-15  
Monument Butte Field, Lease #UTU-66185  
Section 22-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #12-22-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg".

Eric Sundberg  
Regulatory Lead

RECEIVED  
JAN 05 2012  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #12-22-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-66185**  
**JANUARY 3, 2011**

## **TABLE OF CONTENTS**

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – ASHLEY FEDERAL #12-22-9-15
ATTACHMENT E-1	WELLBORE DIAGRAM – ASHLEY FEDERAL #4-22-9-15
ATTACHMENT E-2	WELLBORE DIAGRAM – ASHLEY FEDERAL #5-22-9-15
ATTACHMENT E-3	WELLBORE DIAGRAM – ASHLEY FEDERAL #6-22-9-15
ATTACHMENT E-4	WELLBORE DIAGRAM – ASHLEY FEDERAL #7-22-9-15
ATTACHMENT E-5	WELLBORE DIAGRAM – ASHLEY FEDERAL #10-22-9-15
ATTACHMENT E-6	WELLBORE DIAGRAM – ASHLEY FEDERAL #11-22-9-15
ATTACHMENT E-7	WELLBORE DIAGRAM – ASHLEY FEDERAL #13-22-9-15
ATTACHMENT E-8	WELLBORE DIAGRAM – ASHLEY FEDERAL #14-22-9-15
ATTACHMENT E-9	WELLBORE DIAGRAM – ASHLEY FEDERAL #4-27-9-15
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 4/20/97 – 4/27/97
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Ashley Federal #12-22-9-15  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-66185  
Well Location: QQ NWSW section 22 township 9S range 15E county Duchesne

Is this application for expansion of an existing project? ..... Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? ..... Yes ☒ No ☐  
Disposal? ..... Yes ☐ No ☒  
Storage? ..... Yes ☐ No ☒

Is this application for a new well to be drilled? ..... Yes ☐ No ☒

If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes ☐ No ☒

Date of test: \_\_\_\_\_

API number: 43-013-32859

Proposed injection interval: from 3903 to 6004  
Proposed maximum injection: rate 500 bpd pressure 1935 psig  
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg

Signature 

Title Regulatory Lead

Date 1/3/12

Phone No. (303) 893-0102

(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_

Approval Date \_\_\_\_\_

Comments:



# Ashley Federal 12-22-9-15

Spud Date: 05/18/2006  
Put on Production: 06/22/2006  
K.B.: 6488, G.L.: 6476

Initial Production: BOPD,  
MCFD, BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts. (300.51')  
DEPTH LANDED: 308.05' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

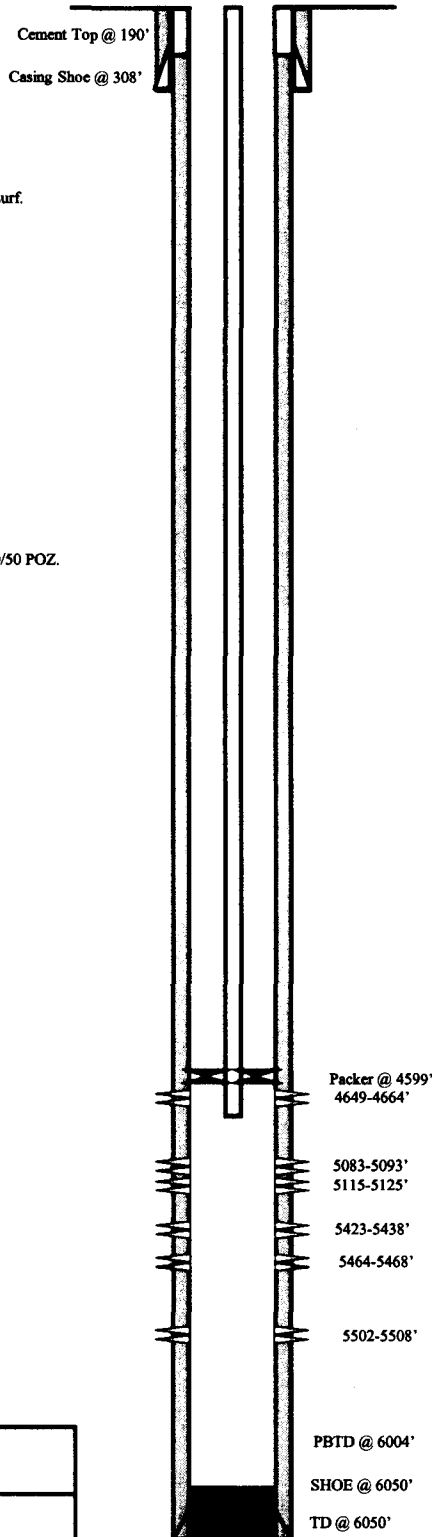
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (6037.01')  
DEPTH LANDED: 6050.26' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 190'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5464.27')  
TUBING ANCHOR: 5476.27' KB  
NO. OF JOINTS: 1 jts (31.56')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5510.63' KB  
NO. OF JOINTS: 2 jts (63.11')  
TOTAL STRING LENGTH: EOT @ 5575.29' KB

## Proposed Injection Wellbore Diagram



## FRAC JOB

06/19/06 5423-5508' **Frac LODC sands as follows:**  
80545# 20/40 sand in 612 bbls Lightning 17  
frac fluid. Treated @ avg press of 1768 psi  
w/avg rate of 25 BPM. ISIP 1970 psi. Calc  
flush: 5506 gal. Actual flush: 4872 gal.

06/19/06 5083-5125' **Frac A3, LODC sands as follows:**  
88349# 20/40 sand in 664 bbls Lightning 17  
frac fluid. Treated @ avg press of 2447 psi  
w/avg rate of 24.9 BPM. ISIP 2470 psi. Calc  
flush: 5123 gal. Actual flush: 4536 gal.

06/19/06 4649-4664' **Frac D2 sands as follows:**  
71591# 20/40 sand in 541 bbls Lightning 17  
frac fluid. Treated @ avg press of 2169 psi  
w/avg rate of 25 BPM. ISIP 2330 psi. Calc  
flush: 4662 gal. Actual flush: 4494 gal.

## PERFORATION RECORD

06/12/06	5502-5508'	4 JSPF	24 holes
06/12/06	5464-5468'	4 JSPF	16 holes
06/12/06	5423-5438'	4 JSPF	60 holes
06/19/06	5115-5125'	4 JSPF	40 holes
06/19/06	5115-5125'	4 JSPF	40 holes
06/19/06	4649-4664'	4 JSPF	60 holes

## **NEWFIELD**

### **Ashley Federal 12-22-9-15**

1891' FSL & 476' FWL

NW/SW Section 22-T9S-R15E

Duchesne Co, Utah

API #43-013-32859; Lease #UTU-66185

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Federal #12-22-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #12-22-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3903' - 6004'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever is shallower. The Garden Gulch Marker top is at 3585' and the TD is at 6050'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #12-22-9-15 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-66185) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 308' KB, and 5-1/2", 15.5# casing run from surface to 6050' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.



**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1935psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley Federal #12-22-9-15, for existing perforations (4649' - 5423') calculates at 0.80 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1935 psig. We may add additional perforations between 3585' and 6050'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Ashley Federal #12-22-9-15, the proposed injection zone (3903' - 6004') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-9.

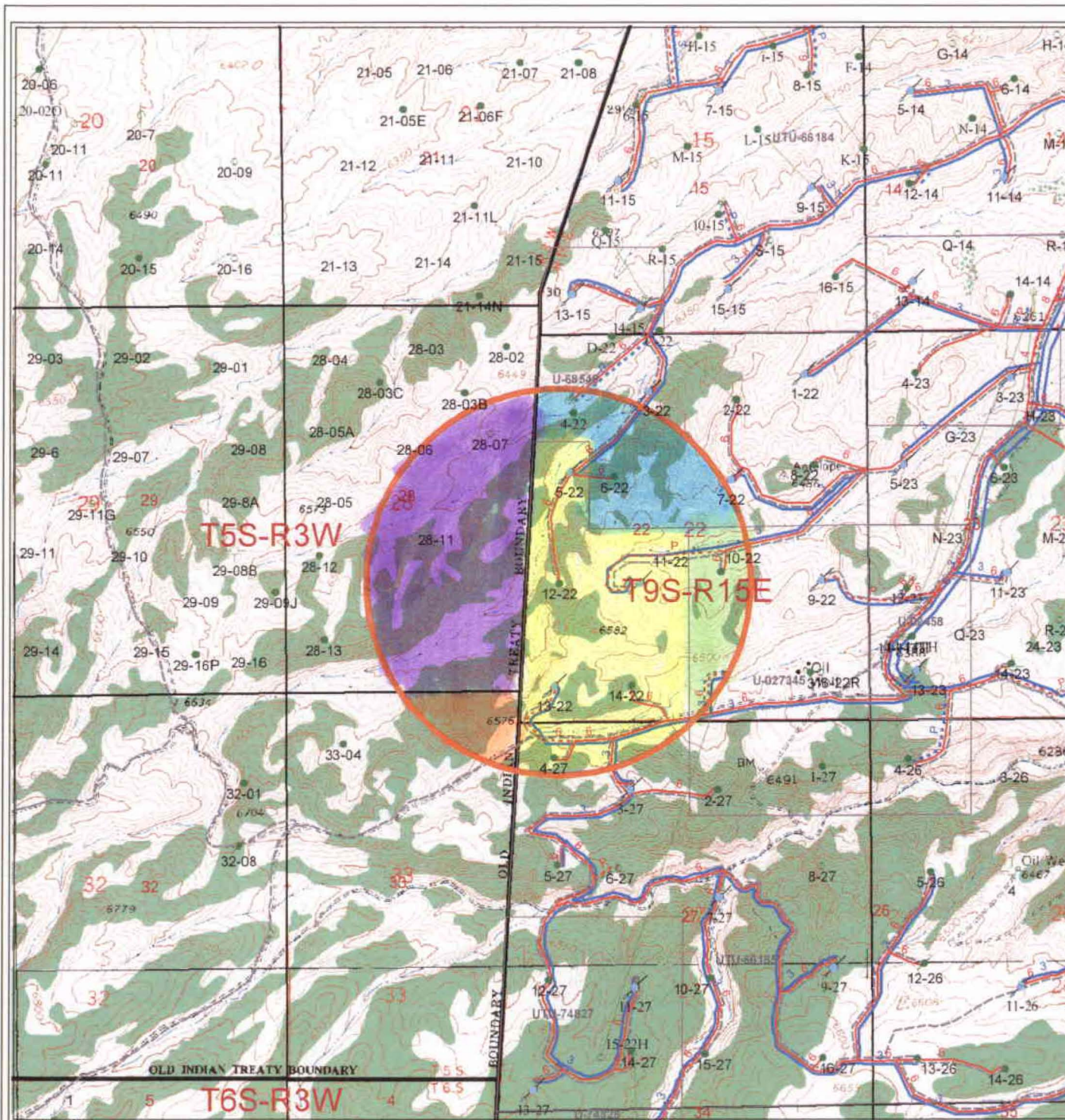
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



Ashley 12-22  
Section 22, T9S-R15E

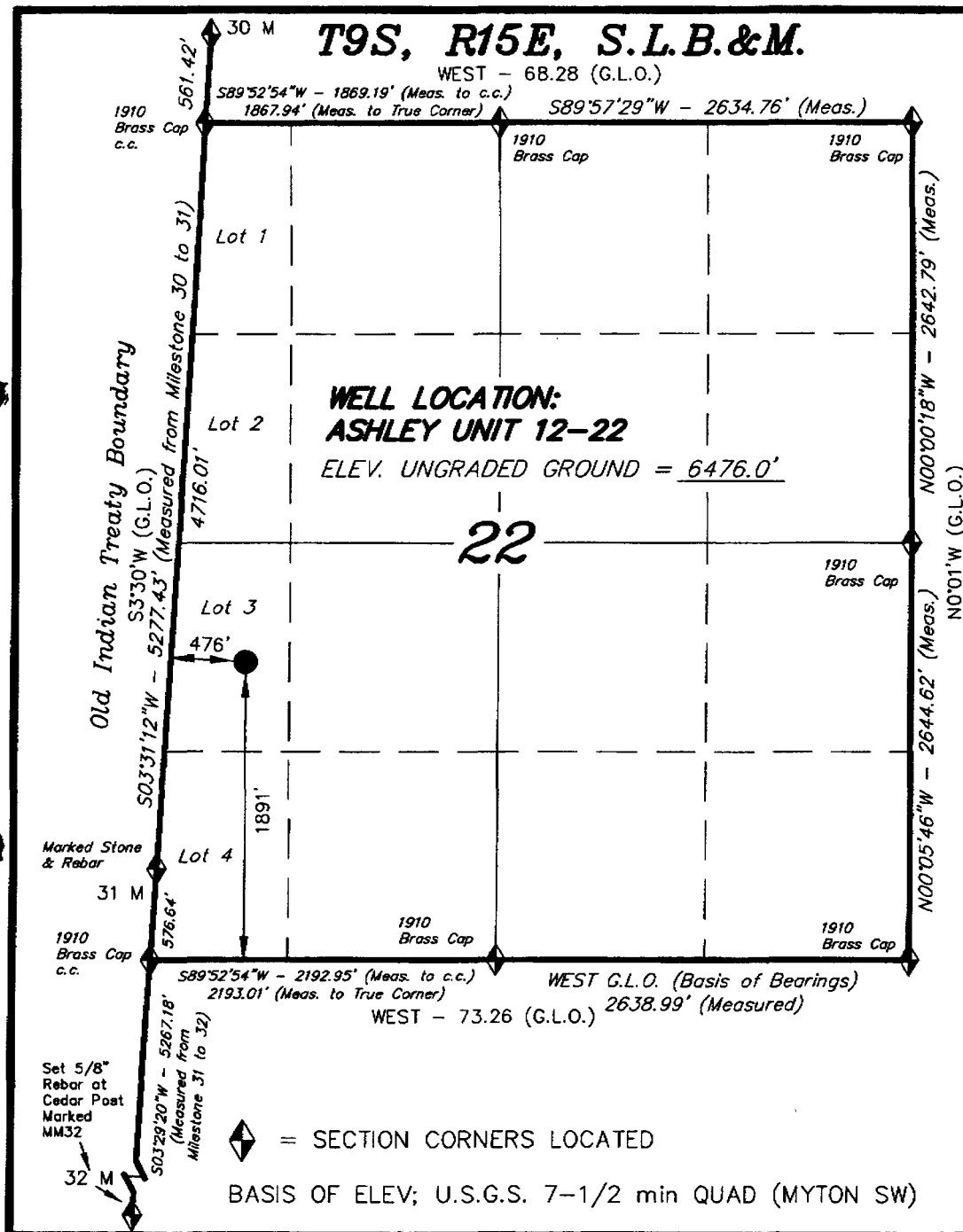
**NEWFIELD**  
ROCKY MOUNTAINS

1/2 Mile Radius Map  
Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone (303) 893-0102

June 28, 2011





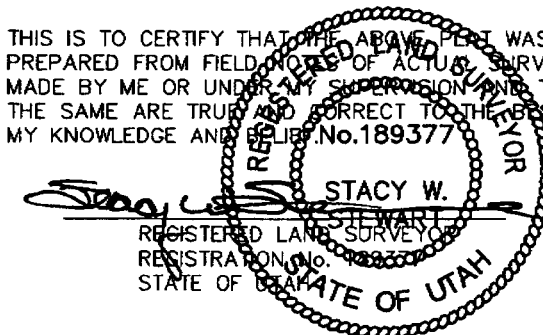
## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 12-22,  
LOCATED AS SHOWN IN LOT 3 OF  
SECTION 22, T9S, R15E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.

**Note:**

The Well Footages are Measured at  
Right angles to the Section line.

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.P.

DATE: 6-22-05

DRAWN BY: F.T.M.

NOTES:

FILE #

**EXHIBIT B**

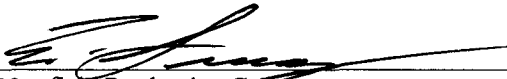
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 13: S2S2 Section 14: S2S2 Section 15: Lot 4 Section 22: NE, E2NW, Lot 1 Section 23: N2NW	USA UTU-68548 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E SLM Section 22: SE Section 26: NWNW Section 27: N2NE	USA UTU-027345 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T5S-R3W SLM Section 28: ALL	UTE 14-20-H62-3517 HBP	Petroglyph Operating Co., Inc	Ute Indian Tribe
5	T5S-R3W SLM Section 33: ALL	UTE 14-20-H62-3522 HBP	Petroglyph Operating Co., Inc	Ute Indian Tribe

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #12-22-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 3rd day of January, 2012.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires: 02/10/2013



## Ashley Federal 12-22-9-15

Spud Date: 05/18/2006  
Put on Production: 06/22/2006  
K.B.: 6488, G.L.: 6476

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts. (300.51')  
DEPTH LANDED: 308.05' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (6037.01')  
DEPTH LANDED: 6050.26' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5464.27')  
TUBING ANCHOR: 5476.27' KB  
NO. OF JOINTS: 1 jts (31.56')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5510.63' KB  
NO. OF JOINTS: 2 jts (63.11')  
TOTAL STRING LENGTH: EOT @ 5575.29' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-8, 1-6', 1-2' x 3/4" pony rod, 99-3/4" guided rods, 104-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 6 SPM:

FRAC JOB

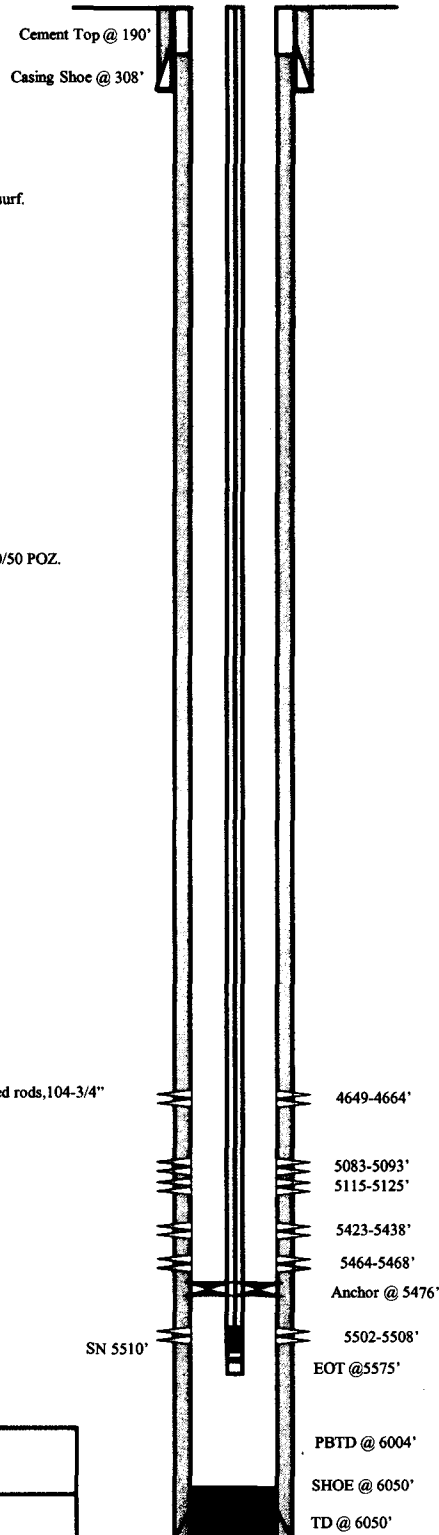
06/19/06 5423-5508' **Frac LODC sands as follows:**  
80545# 20/40 sand in 612 bbls Lightning 17 frac fluid. Treated @ avg press of 1768 psi w/avg rate of 25 BPM. ISIP 1970 psi. Calc flush: 5506 gal. Actual flush: 4872 gal.

06/19/06 5083-5125' **Frac A3, LODC sands as follows:**  
88349# 20/40 sand in 664 bbls Lightning 17 frac fluid. Treated @ avg press of 2447 psi w/avg rate of 24.9 BPM. ISIP 2470 psi. Calc flush: 5123 gal. Actual flush: 4536 gal.

06/19/06 4649-4664' **Frac D2 sands as follows:**  
71591# 20/40 sand in 541 bbls Lightning 17 frac fluid. Treated @ avg press of 2169 psi w/avg rate of 25 BPM. ISIP 2330 psi. Calc flush: 4662 gal. Actual flush: 4494 gal.

PERFORATION RECORD

06/12/06 5502-5508' 4 JSPF 24 holes  
06/12/06 5464-5468' 4 JSPF 16 holes  
06/12/06 5423-5438' 4 JSPF 60 holes  
06/19/06 5115-5125' 4 JSPF 40 holes  
06/19/06 5115-5125' 4 JSPF 40 holes  
06/19/06 4649-4664' 4 JSPF 60 holes

**NEWFIELD****Ashley Federal 12-22-9-15**

1891' FSL & 476' FWL

NW/SW Section 22-T9S-R15E

Duchesne Co, Utah

API #43-013-32859; Lease #UTU-66185



Attachment E-1

Spud Date: 8/11/04  
Put on Production: 9/16/04  
GL: 6377' KB: 6389'

## Ashley Federal 4-22-9-15

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (290 83')  
DEPTH LANDED: 300 83 KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt. est 7 bbls cmt to surf.

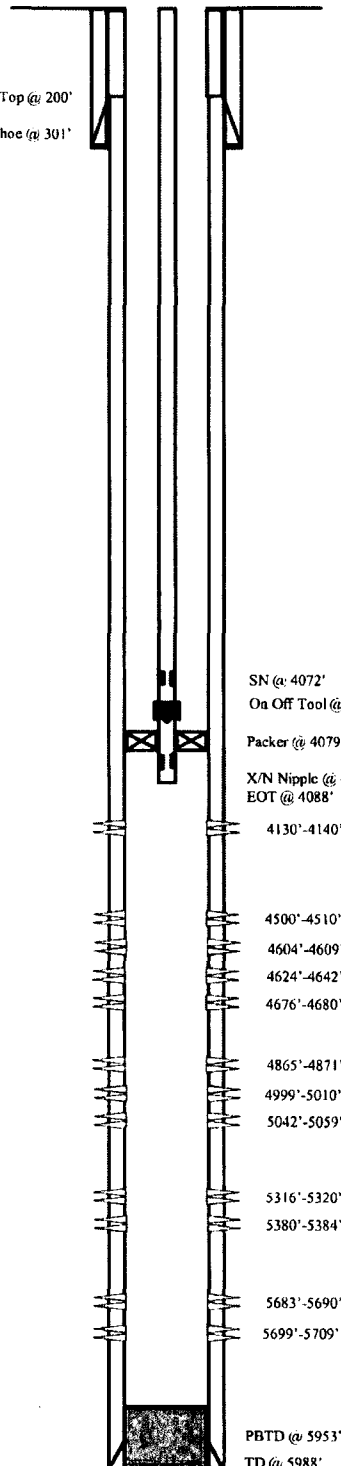
PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts (5970 13')  
DEPTH LANDED: 5968 13' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ  
CEMENT TOP AT: 200'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 125 jts (4060 4')  
SEATING NIPPLE: 2-7/8" (1 10")  
SN LANDED AT: 4072 4' KB  
ON/OFF TOOL AT: 4073 5'  
ARROW #1 PACKER CE AT: 4078.6'  
XO 2-3/8 x 2-7/8 J-55 AT: 4082 2'  
TBG PUP 2-3/8 J-55 AT: 4082 7'  
X/N NIPPLE AT: 4086.8'  
TOTAL STRING LENGTH: EOT @ 4088.4'

Cement Top @ 200'  
Casing Shoe @ 301'

FRAC JOB

9/09/04 5683'-5709' **Frac CP3 sands as follows:**  
39,902# 20/40 sand in 390 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1780 psi  
w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc  
flush: 5681 gal. Actual flush: 5683 gal

9/09/04 5316'-5384' **Frac LODC sands as follows:**  
25,490# 20/40 sand in 287 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2625 psi  
w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc  
flush: 5314 gal. Actual flush: 5313 gal.

9/08/04 5042'-5059' **Frac A3 and A1 sands as follows:**  
130,179# 20/40 sand in 880 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1615 psi  
w/avg rate of 25 BPM. ISIP 2650 psi. Calc  
flush: 5040 gal. Actual flush: 5040 gal

9/08/04 4865'-4871' **Frac B1 sands as follows:**  
19,916# 20/40 sand in 245 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2220 psi  
w/avg rate of 24.8 BPM. ISIP 2150 psi. Calc  
flush: 4863 gal. Actual flush: 4864 gal

9/09/04 4604'-4680' **Frac D1, 2 and 3 sands as follows:**  
120,233# 20/40 sand in 811 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1878 psi  
w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc  
flush: 4602 gal. Actual flush: 4641 gal

9/09/04 4500'-4510' **Frac DS1 sands as follows:**  
34,530# 20/40 sand in 324 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2116 psi  
w/avg rate of 24.8 BPM. ISIP 2400 psi. Calc  
flush: 4498 gal. Actual flush: 4498 gal

9/09/04 4130'-4140' **Frac GB6 sands as follows:**  
25,317# 20/40 sand in 257 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2191 psi  
w/avg rate of 14.8 BPM. ISIP 3000 psi. Calc  
flush: 4128 gal. Actual flush: 4032 gal.

**Tubing Leak.** Update rod and tubing details  
**Parted rods.** Update rod and tubing details  
**Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
9/08/04	5699'-5709'	4 JSPF	40 holes
9/08/04	5683'-5690'	4 JSPF	28 holes
9/09/04	5380'-5384'	4 JSPF	16 holes
9/09/04	5316'-5320'	4 JSPF	16 holes
9/09/04	5042'-5059'	4 JSPF	68 holes
9/09/04	4999'-5010'	4 JSPF	44 holes
9/09/04	4865'-4871'	4 JSPF	24 holes
9/09/04	4676'-4680'	4 JSPF	16 holes
9/09/04	4624'-4642'	4 JSPF	72 holes
9/09/04	4604'-4609'	4 JSPF	20 holes
9/09/04	4500'-4510'	4 JSPF	40 holes
9/09/04	4130'-4140'	4 JSPF	40 holes

**NEWFIELD**

Ashley Federal 4-22-9-15  
862 FNL & 493 FWL  
NW/NW Sec. 22, T9S R15E  
Duchesne, County  
API# 43-013-32428; Lease# UTU-68548

## Ashley Federal 5-22-9-15

Spud Date: 9/14/05  
 Put on Production: 10/25/05  
 GL: 6401' KB: 6413'

Initial Production: BOPD 72,  
 MCFD 30, BWPD 73

**SURFACE CASING**

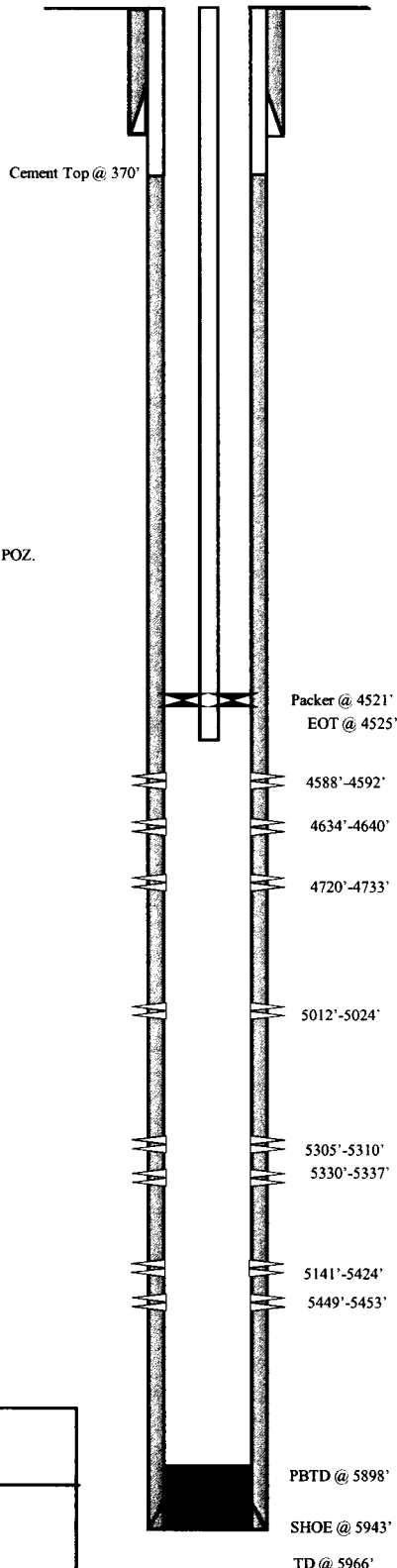
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.3')  
 DEPTH LANDED: 311.3 KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5945.05')  
 DEPTH LANDED: 5943.05' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 370'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4504.73')  
 SEATING NIPPLE: 2-7/8" (.45')  
 SN LANDED AT: 4517.83' KB  
 TOTAL STRING LENGTH: EOT @ 4525.13' W/12' KB

**Injection Wellbore  
Diagram****FRAC JOB**

10/17/05	5305'-5453'	<b>Frac LODC sands as follows:</b> 80,159# 20/40 sand in 606 bbls Lightning Frac 17 fluid. Treated @ avg press of 1754 psi w/avg rate of 24.6 BPM. ISIP 1980 psi. Calc flush: 5303 gal. Actual flush: 4918 gal.
10/17/05	5012'-5024'	<b>Frac A3 sands as follows:</b> 50,590# 20/40 sand in 422 bbls Lightning Frac 17 fluid. Treated @ avg press of 2012 psi w/avg rate of 24.6 BPM. ISIP 2080 psi. Calc flush: 5010 gal. Actual flush: 4662 gal.
10/20/05	4720'-4733'	<b>Frac C sands as follows:</b> 70,157# 20/40 sand in 5370 bbls Lightning Frac 17 fluid. Treated @ avg press of 1786 psi w/avg rate of 24.9 BPM. ISIP 1770 psi. Calc flush: 4718 gal. Actual flush: 4494 gal.
10/20/05	4588'-4640'	<b>Frac D1&amp;D2 sands as follows:</b> 33,759# 20/40 sand in 377 bbls Lightning Frac 17 fluid. Treated @ avg press of 1914 psi w/avg rate of 24.1 BPM. ISIP 1850 psi. Calc flush: 4586 gal. Actual flush: 4490 gal.
4/10/007		<b>CONVERSION - Well converted from an oil well to an injection well. MIT completed and submitted.</b>

**PERFORATION RECORD**

10/14/05	5449'-5453'	4 JSPF	16 holes
10/14/05	5414'-5424'	4 JSPF	40 holes
10/14/05	5330'-5337'	4 JSPF	28 holes
10/14/05	5305'-5310'	4 JSPF	20 holes
10/17/05	5012'-5024'	4 JSPF	48 holes
10/17/05	4720'-4733'	4 JSPF	52 holes
10/20/05	4634'-4640'	4 JSPF	24 holes
10/20/05	4588'-4592'	4 JSPF	16 holes



**Ashley Federal 5-22-9-15**  
 1888 FNL & 541 FWL  
 SW/NW Sec. 22, T9S R15E  
 Duchesne County, UT  
 API# 43-013-32644; Lease# UTU-66185

## Ashley Federal 6-22-9-15

Spud Date: 05/12/2006  
Put on Production: 006/19/06

K.B.: 6436, G.L.: 6424

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.10')  
DEPTH LANDED: 313.00' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts. (6048.43')  
DEPTH LANDED: 6047.68' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 80'

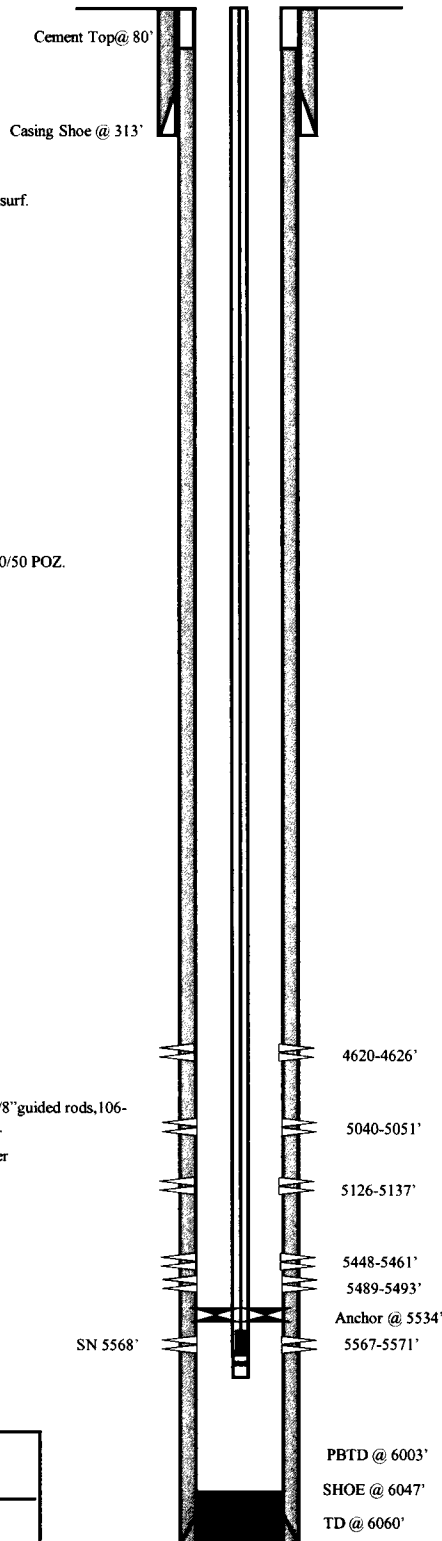
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 175 jts (5522.16')  
TUBING ANCHOR: 5534.16' KB  
NO. OF JOINTS: 1 jts (31.65')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5568.61' KB  
NO. OF JOINTS: 2 jts (63.30')  
TOTAL STRING LENGTH: EOT @ 5633.46' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-8, 1-6', 1-4', 1-2' x 3/4" pony rod, 98-7/8" guided rods, 106-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 4 x 17' RHAC w/SM plunger  
STROKE LENGTH: 84"  
PUMP SPEED, 5 SPM:

## Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

06/13/06	5448-5571'	<b>Frac CP2, LODC sands as follows:</b> 50237# 20/40 sand in 500 bbls Lightning 17 frac fluid. Treated @ avg press of 1778 psi w/avg rate of 25.2 BPM. ISIP 1790 psi. Calc flush: 5569 gal. Actual flush: 4939 gal.
06/13/06	5126-5137'	<b>Frac LODC sands as follows:</b> 40237# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 2027 psi w/avg rate of 25.1 BPM. ISIP 2025 psi. Calc flush: 5135 gal. Actual flush: 4658 gal.
06/13/06	5040-5051'	<b>Frac A1 sands as follows:</b> 89409# 20/40 sand in 650 bbls Lightning 17 frac fluid. Treated @ avg press of 2340 psi w/avg rate of 25 BPM. ISIP 2875 psi. Calc flush: 5049 gal. Actual flush: 4494 gal.
06/13/06	4620-4626'	<b>Frac D1, sands as follows:</b> 41156# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 1775 psi w/avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 4624 gal. Actual flush: 4494 gal.

**PERFORATION RECORD**

06/06/06	5567-5571'	4 JSPF	16 holes
06/06/06	5489-5493'	4 JSPF	16 holes
06/06/06	5448-5461'	4 JSPF	52 holes
06/13/06	5126-5137'	4 JSPF	44 holes
06/13/06	5040-5051'	4 JSPF	44 holes
06/13/06	4620-4626'	4 JSPF	24 holes



**Ashley Federal 6-22-9-15**

1949' FNL & 1157' FWL

SE/NW Section 22-T9S-R15E

Duchesne Co, Utah

API #43-013-32857; Lease #UTU-

## Ashley Federal 7-22-9-15

Spud Date: 12/09/2004  
Put on Production: 01/28/2005  
GL: 6454' KB: 6466'

Initial Production: 50 BOPD,  
69 MCFD, 5 BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (290.24')  
DEPTH LANDED: (300.24')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class G, 3 bbls cmt to surface

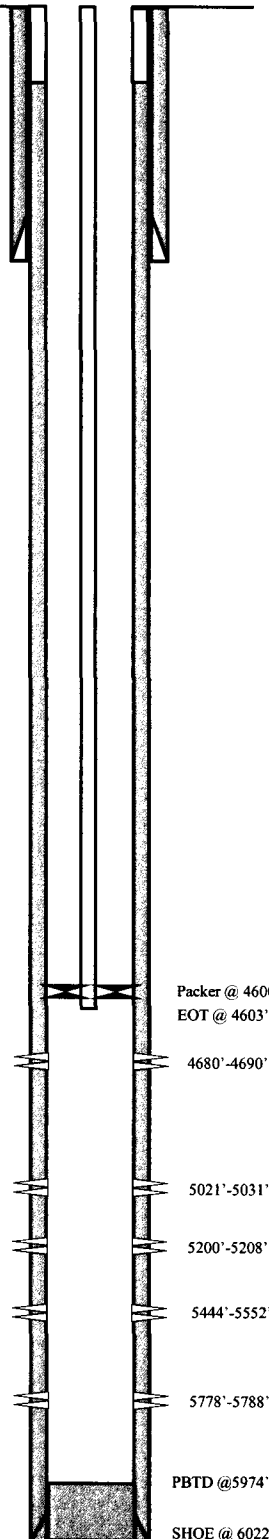
#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (6023.59')  
DEPTH LANDED: (6021.59')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 345 sxs Premlite II & 500 sxs 50/50 POZ.  
CEMENT TOP AT: 70'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 138 jts (4583.05')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4595.05' KB  
CE @ 4599.75'  
TOTAL STRING LENGTH: EOT @ 4603.55' w/ 12' KB

Cement top @ 70'



#### FRAC JOB

01/24/05	5778'-5788'	<b>Frac CP4 sands as follows:</b> 26,787# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press. of 2127 w/ avg rate of 24.8 bpm. ISIP 2180. Calc flush: 5776 gal. Actual flush: 5783 gal.
01/25/05	5444'-5552'	<b>Frac CP STRAY sands as follows:</b> 15,972# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press. of 2285 w/ avg rate of 24.6 bpm. ISIP 2100. Calc flush: 5442 gal. Actual flush 5544 gal.
01/25/05	5200'-5208'	<b>Frac LODC sands as follows:</b> 20,035# 20/40 sand in 255 bbls Lightning 17 frac fluid. Treated @ avg press. of 2585 w/ avg rate of 24.2 bpm. ISIP 2440. Calc flush: 5198 gal. Actual flush: 5250 gal.
01/25/05	5021'-5031'	<b>Frac A.5 sands as follows:</b> 19,716# 20/40 sand in 272 bbls lightning 17 frac fluid. Treated @ avg press. of 1960 w/ avg rate of 14.4bpm ISIP 2360. Calc flush: 5019 gal. Actual Flush: 5040 gal.
01/25/05	4680'-4690'	<b>Frac D1 sands as follows:</b> 42,888# 20/40 sand in 380 bbls lightning 17 frac fluid. Treated @ avg press. of 1737 w/ avg rate of 24.7 bpm ISIP 2080 Calc flush: 4678 gal. Actual flush: 4578 gal.
5/12/06		<b>Well converted to an injection well.</b>
6/8/06		<b>MIT completed and submitted.</b>
05/04/11		<b>5 YR MIT Completed</b>

#### PERFORATION RECORD

1/19/2005	5778'-5788'	4 SPF	40 holes
1/25/2005	5444'-5552'	4 SPF	32 holes
1/25/2005	5200'-5208'	4 SPF	32 holes
1/25/2005	5021'-5031'	4 SPF	40 holes
1/25/2005	4680'-4690'	4 SPF	40 holes



#### Ashley Federal 7-22-9-15

2016' FNL & 1867' FEL  
SW/NE Section 22-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32487; Lease #UTU-68548

## Ashley Federal 10-22-9-15

Spud Date: 05/05/2006  
Put on Production: 06/07/06

Initial Production: 6/7/06

GL: 6452 KB: 6464'

## Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts. (308.72')  
DEPTH LANDED: 319.62' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 148 jts. (6065.14')  
DEPTH LANDED: 6064.39' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 177 jts (5597.5')  
TUBING ANCHOR: 5609.5'  
NO. OF JOINTS: 1 jts (30.84')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5644'  
NO. OF JOINTS: 2 jts (63.15')  
TOTAL STRING LENGTH: EOT: 5708.65'

**SUCKER RODS**

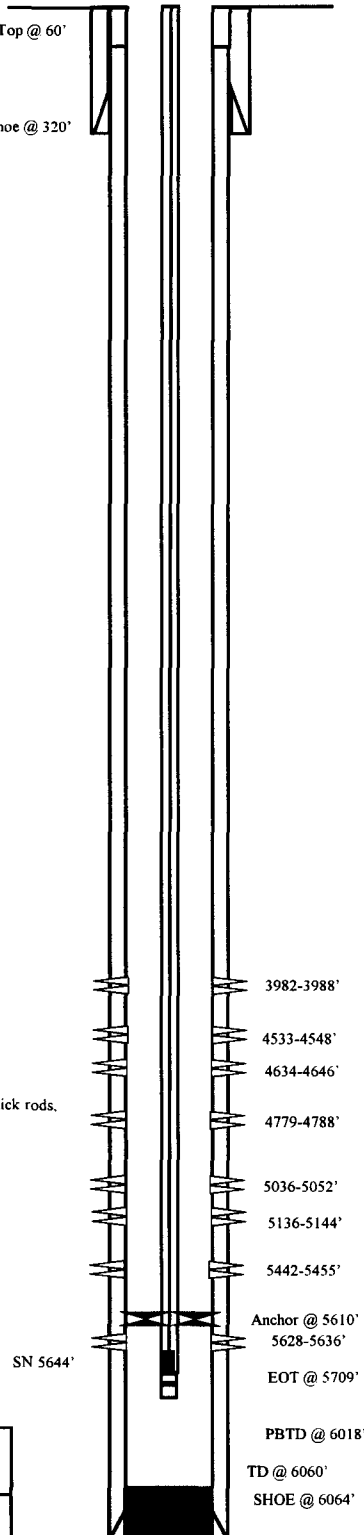
POLISHED ROD: 1-1/2" x 22' Polished Rod  
SUCKER RODS: 3/4" x 2'-2 pony rods, 98-3/4" guided rods, 91-3/4" slick rods, 30-3/4" guided rods, 6-1 1/2" weight rods  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5

**FRAC JOB**

06/02/06	5628-5636'	<b>Frac CP3 sands as follows:</b> 24,469# 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2208 psi w/avg rate of 25 BPM. ISIP 2005 psi. Calc flush: 5626 gal. Actual flush: 5166 gal.
06/02/06	5442-5455'	<b>Frac LODC sands as follows:</b> 35,010# 20/40 sand in 396 bbls Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 25.1 BPM. ISIP 1920 psi. Calc flush: 5440 gal. Actual flush: 4914 gal.
06/02/06	5136-5144'	<b>Frac LODC sands as follows:</b> 19,529# 20/40 sand in 295 bbls Lightning 17 frac fluid. Treated @ avg press of 2357 psi w/avg rate of 27.9 BPM. ISIP 2450 psi. Calc flush: 5134 gal. Actual flush: 4662 gal.
06/02/06	5036-5052'	<b>Frac A1 sands as follows:</b> 70,458# 20/40 sand in 549 bbls Lightning 17 frac fluid. Treated @ avg press of 2482 psi w/avg rate of 28.6 BPM. ISIP 2680 psi. Calc flush: 5034 gal. Actual flush: 4536 gal.
06/02/06	4779-4788'	<b>Frac C sands as follows:</b> 39,615# 20/40 sand in 428 bbls Lightning 17 frac fluid. Treated @ avg press of 2246 psi w/avg rate of 25.1 BPM. ISIP 2160 psi. Calc flush: 4777 gal. Actual flush: 4284 gal.
06/02/06	4634-4646'	<b>Frac D1 sands as follows:</b> 49,707# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 1974 psi w/avg rate of 25 BPM. ISIP 2190 psi. Calc flush: 4632 gal. Actual flush: 4158 gal.
06/02/06	4533-4548'	<b>Frac DS3 sands as follows:</b> 65,332# 20/40 sand in 496 bbls Lightning 17 frac fluid. Treated @ avg press of 2054 psi w/avg rate of 25 BPM. ISIP 2310 psi. Calc flush: 4531 gal. Actual flush: 3990 gal.
06/02/06	3982-3988'	<b>Frac GB2 sands as follows:</b> 19,757# 20/40 sand in 266 bbls Lightning 17 frac fluid. Treated @ avg press of 1478 psi w/avg rate of 14.5 BPM. ISIP 1380 psi. Calc flush: 3980 gal. Actual flush: 3906 gal.
8/21/07 10/7/08		Pump change. Updated rod & tubing details. Major workover, rod & tubing updated.

**PERFORATION RECORD**

06/02/06	5628-5636'	4 JSPF	32 holes
06/02/06	5442-5455'	4 JSPF	52 holes
06/02/06	5136-5144'	4 JSPF	32 holes
06/02/06	5036-5052'	4 JSPF	64 holes
06/02/06	4779-4788'	4 JSPF	36 holes
06/02/06	4634-4646'	4 JSPF	48 holes
06/02/06	4533-4548'	4 JSPF	60 holes
06/02/06	3982-3988'	4 JSPF	24 holes

**NEWFIELD****Ashley Federal 10-22-9-15**

2035' FSL &amp; 2023' FEL

NW/SE Section 22-T9S-R15E

Duchesne Co, Utah

API #43-013-32825; Lease #UTU-027345

## Ashley Federal 11-22-9-15

Spud Date: 5-9-2006  
Put on Production: 6-13-2006  
GL: 6521' KB: 6533'

Initial Production: BOPD,  
MCFD, BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

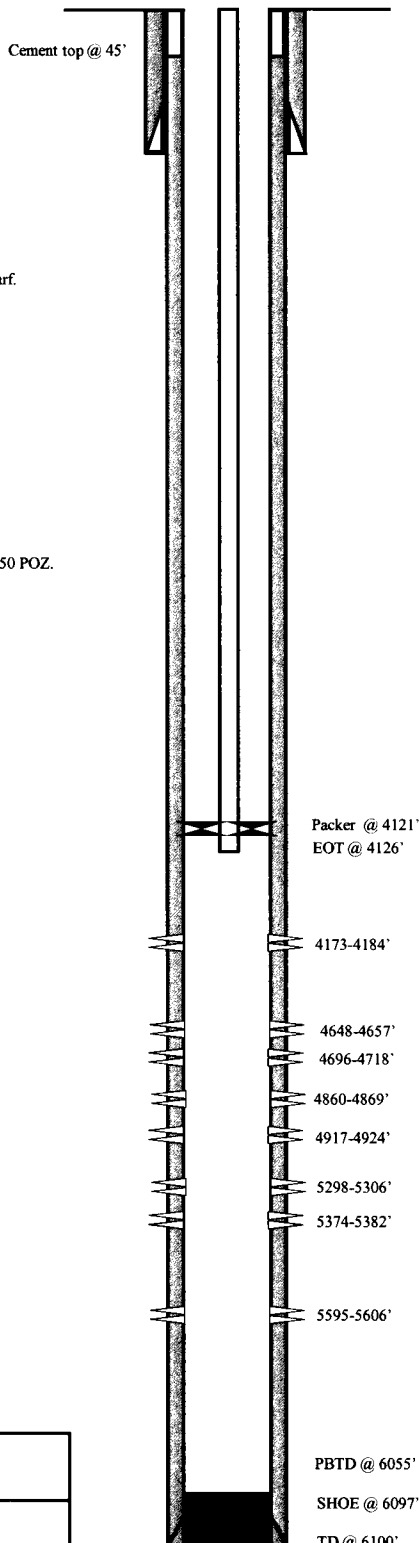
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (300.51')  
DEPTH LANDED: 311.41' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 142 jts. (6084.44')  
DEPTH LANDED: 6097.69' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 45'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 130 jts (4105.12')  
TUBING ANCHOR: 4121.32'  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4117.12'  
TOTAL STRING LENGTH: EOT @ 4125.72'



#### FRAC JOB

06-07-06	5595-5606'	<b>Frac CP1 sands as follows:</b> 34632# 20/40 sand in 461 bbls Lightning 17 frac fluid. Treated @ avg press of 1887 psi w/avg rate of 25 BPM. ISIP 1925 psi. Calc flush: 5593 gal. Actual flush: 5082 gal.
06-07-06	5298-5382'	<b>Frac LODC sands as follows:</b> 50332# 20/40 sand in 505 bbls Lightning 17 frac fluid. Treated @ avg press of 2650 psi w/avg rate of 28 BPM. ISIP 2740 psi. Calc flush: 5372 gal. Actual flush: 4788 gal.
06-07-06	4860-4924'	<b>Frac B1, &amp; B.5 sands as follows:</b> 54968# 20/40 sand in 461 bbls Lightning 17 frac fluid. Treated @ avg press of 1977 psi w/avg rate of 25.2 BPM. ISIP 2175 psi. Calc flush: 4858 gal. Actual flush: 4368 gal.
06-08-06	4648-4718'	<b>Frac D1, &amp; D2 sands as follows:</b> 130732# 20/40 sand in 885 bbls Lightning 17 frac fluid. Treated @ avg press of 1667 w/ avg rate of 25.2 BPM. ISIP 2000 psi. Calc flush: 4646 gal. Actual flush: 4116 gal.
06-08-06	4173-4184'	<b>Frac GB6 sands as follows:</b> 32191# 20/40 sand in 359 bbls Lightning 17 frac fluid. Treated @ avg press of 2103 w/ avg rate of 25.1 BPM. ISIP 2200 psi. Calc flush: 4171 gal. Actual flush: 4074 gal.
7/31/07		Pump change. Updated rod & tubing detail.
2/15/08		Well converted to an Injection well.
2/29/08		MIT completed and submitted.

#### PERFORATION RECORD

06-01-06	5595-5606'	4 JSPF	44 holes
06-07-06	5374-5382'	4 JSPF	32 holes
06-07-06	5298-5306'	4 JSPF	32 holes
06-07-06	4917-4924'	4 JSPF	28 holes
06-07-06	4860-4869'	4 JSPF	36 holes
06-07-06	4696-4718'	4 JSPF	88 holes
06-07-06	4648-4657'	4 JSPF	36 holes
06-08-06	4173-4184'	4 JSPF	44 holes



### Ashley Federal 11-22-9-15

1880' FSL & 1582' FWL  
NE/SW Section 22-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32826; Lease #UTU-66185



## Ashley Federal 13-22-9-15

Spud Date: 5-15-06  
Put on Production: 6-30-06  
GL: 6588' KB: 6600'

Initial Production: BOPD,  
MCFD, BWPD

Injection Wellbore  
DiagramSURFACE CASING

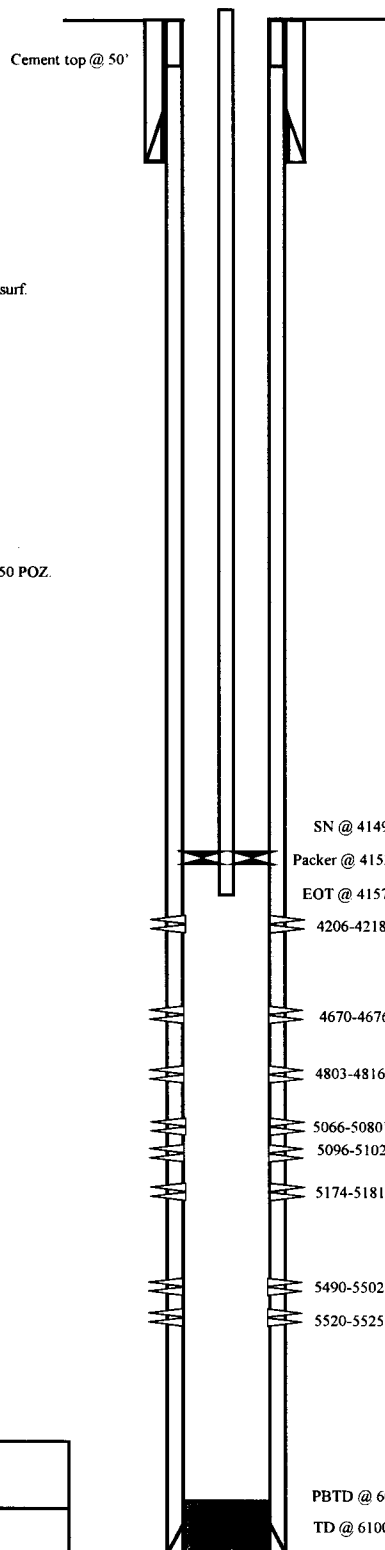
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (300.51')  
DEPTH LANDED: 308 48' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs C'lass "G" cmt, est 5.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts (6079.46')  
DEPTH LANDED: 6092.71' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 131 jts (4136.53')  
SEATING NIPPLE: 2-7/8" (1 10')  
SN LANDED AT: 4148.53' KB  
PACKER: (3 10') @ 4152.73' kb  
TOTAL STRING LENGTH: EOT @ 4157.13' KB

FRAC JOB

06-26-06 5490-5525' **Frac LODC sands as follows:**  
50226# 20/40 sand in 433 bbls Lightning 17  
frac fluid. Treated @ avg press of 1907 psi  
w/avg rate of 25.3 BPM. ISIP 2010 psi. Calc  
flush: 5488 gal. Actual flush: 4998 gal.

06-27-06 5066-5181' **Frac LODC, A1, & A3 sands as follows:**  
113156# 20/40 sand in 796 bbls Lightning 17  
frac fluid. Treated @ avg press of 2251 psi  
w/avg rate of 25.3 BPM. ISIP 2730 psi. Calc  
flush: 5064 gal. Actual flush: 4536 gal.

06-27-06 4803-4816' **Frac C sands as follows:**  
44922# 20/40 sand in 403 bbls Lightning 17  
frac fluid. Treated @ avg press of 1989 psi  
w/avg rate of 25.2 BPM. ISIP 2270 psi. Calc  
flush: 4801 gal. Actual flush: 4284 gal.

06-27-06 4206-4218' **Frac GB6 sands as follows:**  
62394# 20/40 sand in 442 bbls Lightning 17  
frac fluid. Treated @ avg press of 1979 w/  
avg rate of 25.3 BPM. ISIP 2470 psi. Calc  
flush: 4204 gal. Actual flush: 4074 gal.

02/11/08 **Converted to an Injection Well**

02/21/08 **MIT Completed**

PERFORATION RECORD

06-21-06	5520-5525'	4 JSPF	20 holes
06-21-06	5490-5502'	4 JSPF	48 holes
06-26-01	5174-5181'	4 JSPF	28 holes
06-26-06	5096-5102'	4 JSPF	24 holes
06-26-06	5066-5080'	4 JSPF	56 holes
06-27-06	4803-4816'	4 JSPF	52 holes
06-27-06	4670-4676'	4 JSPF	24 holes
06-27-06	4206-4218'	4 JSPF	48 holes

**NEWFIELD****Ashley Federal 13-22-9-15**

475' FSL &amp; 481' FWL

SW/SW Section 22-T9S-R15E

Duchesne Co, Utah

API #43-013-32822; Lease #UTU-66185

## Ashley Federal 14-22-9-15

Spud Date: 8-4-06  
Put on Production: 9-22-06

GL: 6515' KB: 6527'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (312.29')  
DEPTH LANDED: 323.19' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

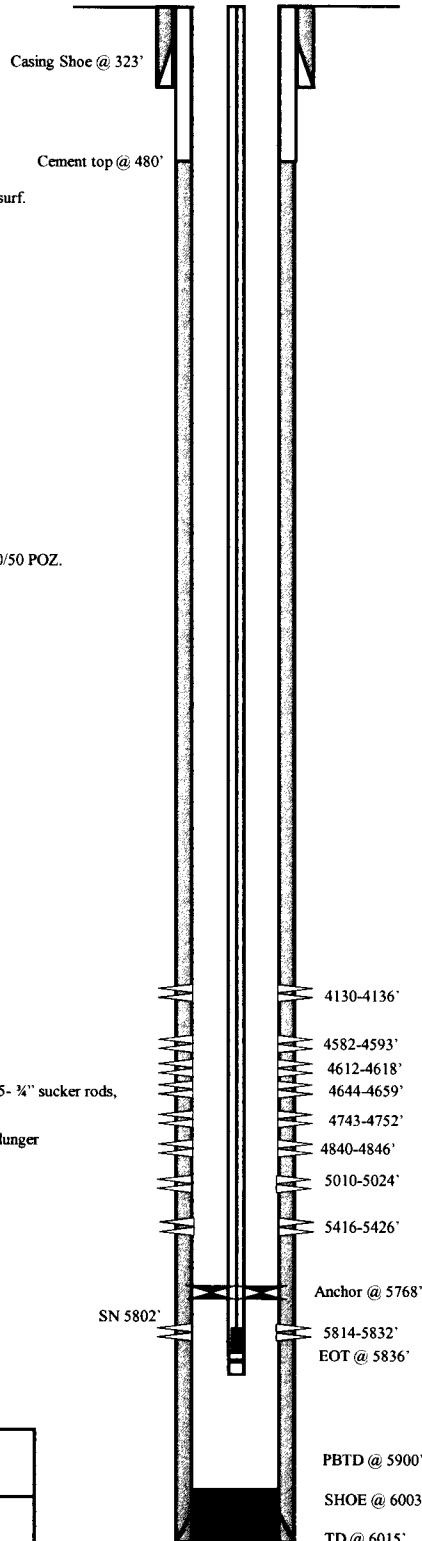
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5895.02')  
DEPTH LANDED: 6003.61' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 480'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 182 jts (5767.7')  
TUBING ANCHOR: 5767.7' KB  
NO. OF JOINTS: 1 jts (31.8')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5802.3' KB  
NO. OF JOINTS: 1 jts (31.67')  
TOTAL STRING LENGTH: EOT @ 5836' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-2' x 3/4" pony rod, 111- 3/4" guided rods, 85- 3/4" sucker rods,  
30- 3/4" guided rods, 6- 1 1/2" weight bars  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' x 16' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4 SPM

**Wellbore Diagram**

Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

09-11-06	5814-5832'	<b>Frac CPS sands as follows:</b> 74620# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2099 psi w/avg rate of 25 BPM. ISIP 2400 psi. Calc flush: 5812 gal. Actual flush: 5292 gal.
09-12-06	5416-5426'	<b>Frac LODC sands as follows:</b> 29260# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 2247 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 5414 gal. Actual flush: 4872 gal.
09-21-06	5010-5024'	<b>Frac A1 sands as follows:</b> 28990# 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 2217 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 5008 gal. Actual flush: 4494 gal.
09-12-06	4840-4846'	<b>Frac B1 sands as follows:</b> 34039# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2123 w/avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 4838 gal. Actual flush: 4326 gal.
09-13-06	4582-4659'	<b>Frac D1, &amp; D2 sands as follows:</b> 139495# 20/40 sand in 1008 bbls Lightning 17 frac fluid. Treated @ avg press of 1821 w/avg rate of 25.1 BPM. ISIP 1950 psi. Calc flush: 4580 gal. Actual flush: 4032 gal.
09-13-06	4130-4136'	<b>Frac GB6 sands as follows:</b> 30653# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 w/avg rate of 25 BPM. ISIP 2000 psi. Calc flush: 4128 gal. Actual flush: 4032 gal.
05/28/08		<b>pump change.</b> Updated rod and tubing details
10/5/09		Pump Change. Updated rod & tubing details.
2/10/2010		Parted rods. Updated rod and tubing details.
11/23/2010		Parted rods. Update rod and tubing details.

**PERFORATION RECORD**

08-31-06	5814-5832'	4 JSFP	72 holes
09-11-06	5416-5426'	4 JSFP	40 holes
09-12-06	5010-5024'	4 JSFP	56 holes
09-12-06	4840-4846'	4 JSFP	24 holes
09-12-06	4743-4752'	4 JSFP	36 holes
09-13-06	4644-4659'	4 JSFP	60 holes
09-13-06	4612-4618'	4 JSFP	24 holes
09-13-06	4582-4593'	4 JSFP	44 holes
09-13-06	4130-4136'	4 JSFP	24 holes

**Ashley Federal 14-22-9-15**

489' FSL & 1548' FWL

SE/SE Section 22-T9S-R15E

Duchesne Co, Utah

API # 43-013-32823; Lease # UTU-66185

Spud Date: 8-25-07

Put on Production: 9-25-07

GL: 6560' KB: 6572'

## Ashley 4-27-9-15

Initial Production: 56.4 BOPD,  
25.0 MCFD, 34.3 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (311.91')

DEPTH LANDED: 322.81

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 157 jts (5997.02')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6010.27'

CEMENT DATA: 300 sk Prem. Lite II mixed &amp; 425 sxs 50/50 POZ.

CEMENT TOP AT: 80'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 124 jts (3925.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3937.1' KB

ON/OFF TOOL AT: 3938.2'

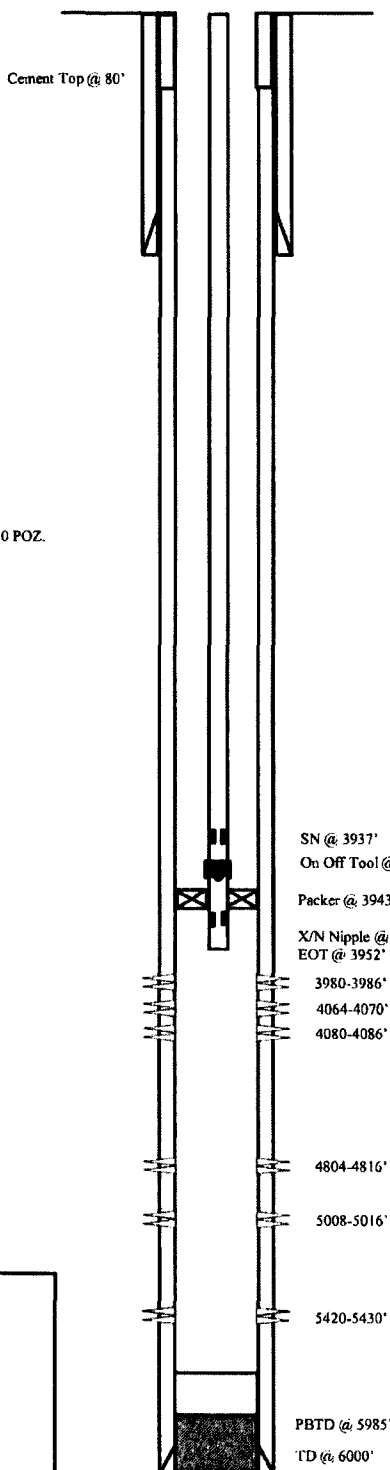
ARROW #1 PACKER CE AT: 3943.3'

XO 2-3/8 x 2-7/8 J-55 AT: 3946.9'

TBG PUP 2-3/8 J-55 AT: 3947.4'

X/N NIPPLE AT: 3951.5'

TOTAL STRING LENGTH: EOT @ 3951.91'

Injection Wellbore  
DiagramFRAC JOB

9-17-07	5420-5430'	<b>Frac LODCsands as follows:</b> 25028# 20/40 sand in 364 bbls Lightning 17 fluid. Treat at 2220psi @ 24.8 BPM. ISIP 21755 psi. Calc flush: 5418 gal Actual flush: 4880 gal
9-20-07	5008-5016'	<b>Frac A1 sands as follows:</b> 89899# 20/40 sand in 699 bbls Lightning 17 fluid. Treat at 2143 psi @ 24.7 BPM. ISIP 2385psi. Calc flush: 5006 gal. Actual flush: 4498 gal
9-20-07	4804-4816'	<b>Frac B.5 sands as follows:</b> Frac with 55137# 20/40 sand in 490 bbls Lightning 17 fluid. Treat at 1983 psi @ 24.8 BPM. ISIP 2124 psi. Calc flush: 4802 gal. Actual flush: 4284 gal
9-20-07	4064-4086'	<b>Frac GB4 sand as follows:</b> Frac with 24052# 20/40 sand in 327 bbls Lightning 17 fluid. Treat at 2018 psi @ 24.8 BPM. ISIP 1787 psi. Calc flush: 4062 gal. Actual flush: 3557 gal.
9-20-07	3980-3986'	<b>Frac GR2 sands as follows:</b> Frac with 16234# 20/40 sand in 257 bbls Lightning 17 fluid. Treat at 2455 psi @ 24.8 BPM. ISIP 2216 psi. Calc flush: 3978 gal. Actual flush: 3885 gal.
8/31/09		<b>Tubing Leak.</b> Updated rod & tubing details
11/05/13		<b>Convert to Injection Well</b>
11/06/13		<b>Conversion MIT Finalized</b> – update tbg detail

PERFORATION RECORD

3980-3986'	4 JSPF	24 holes
4064-4070'	4 JSPF	24 holes
4080-4086'	4 JSPF	24 holes
4804-4816'	4 JSPF	48 holes
5008-5016'	4 JSPF	32 holes
54200-5430	4JSPF	40 holes

**NEWFIELD**

Ashley 4-27-9-15  
492' FNL & 529' FWL  
NWNW Section 27-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32770; Lease #66185

## Ashley Fed D-22-9-15

Spud Date: 7-10-10  
Put on Production 8-4-10

GL:6380' KB:6392'

Wellbore Diagram

## FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH 8 jts (338 0')  
DEPTH LANDED 349 85'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 180 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 145jts 6155 54')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED 6171 54'  
CEMENT DATA: 280sxs Prem Lite II mixed & 400sxs 50/50 POZ  
CEMENT TOP AT: 0'

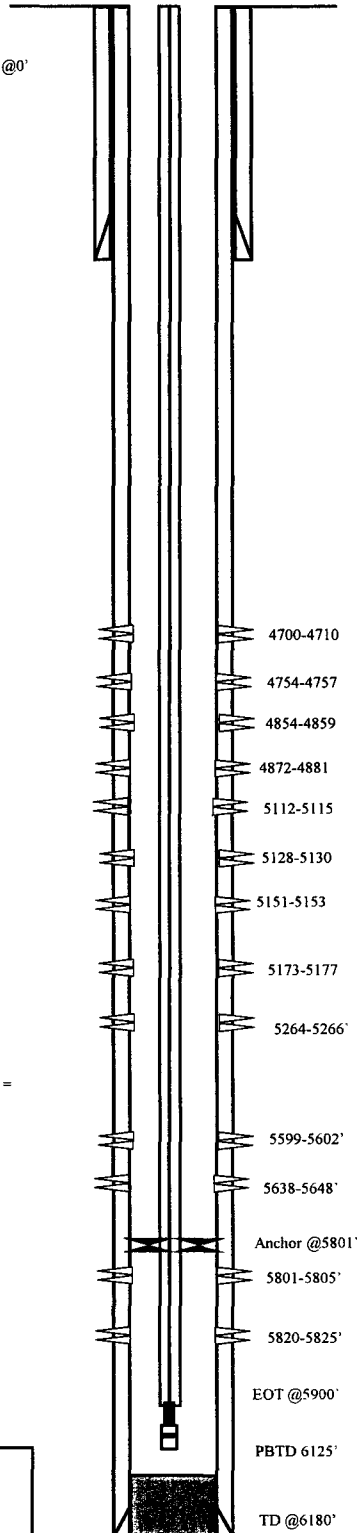
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO OF JOINTS: 185jts 5788 0')  
TUBING ANCHOR: 5800 0'  
NO OF JOINTS: 1jts (31 5')  
SEATING NIPPLE: 2-7/8" (1 1')  
SN LANDED AT: 5834 3' KB  
NO OF JOINTS: 2jts (62 9')  
TOTAL STRING LENGTH: EOT @ 5899'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
SUCKER ROD: 1 x 7/8 = 2' pony rods, 1 x 7/8 = 4' pony rods, 1 x 7/8 = 6' pony rods, 1 x 7/8 = 8' pony rods, 228 7/8" = 5700' 8 per guided rods, 4- 1 1/2" = 100' weight bars  
PUMP SIZE: 2 1/2 x 1 3/4 x 20' x 24' RHAC  
STROKE LENGTH: 144  
PUMP SPEED: SPM 5

Cement Top @0'



8-4-10 5801-5825' Frac CP3 sands as follows:Frac with 14441# 20/40sand in 128bbls Lightning 17  
8-4-10 5599-5648' Frac Cpstray & CPI sands as follows:Frac with 38100# 20/40sand in 265bbls Lightning 17  
8-4-10 5112-5266' Frac A1, A3 & LODC sands as follows:Frac with 63901# 20/40sand in 389bbls Lightning 17  
8-4-10 4854-4881' Frac C sands as follows:Frac with 48456# 20/40sand in 311bbls Slick Water  
8-4-10 4700-4757' Frac D1 & D3sands as follows:Frac with 42006# 30/50sand in 287bbls Lightning 17  
4/25/2011 Tubing Leak Rod and Tubing detail updated

PERFORATION RECORD

5820-5825' 3 JSPF 15holes  
5801-5805' 3 JSPF 12holes  
5638-5648' 3 JSPF 30holes  
5599-5602' 3 JSPF 9holes  
5264-5266' 3 JSPF 6holes  
5173-5177' 3 JSPF 12holes  
5151-5153' 3 JSPF 6holes  
5128-5130' 3 JSPF 6holes  
5112-5115' 3 JSPF 9holes  
4872-4881' 3 JSPF 27holes  
4854-4859' 3 JSPF 15holes  
4754-4757' 3 JSPF 9 holes  
4700-4710' 3 JSPF 30holes

NEWFIELD

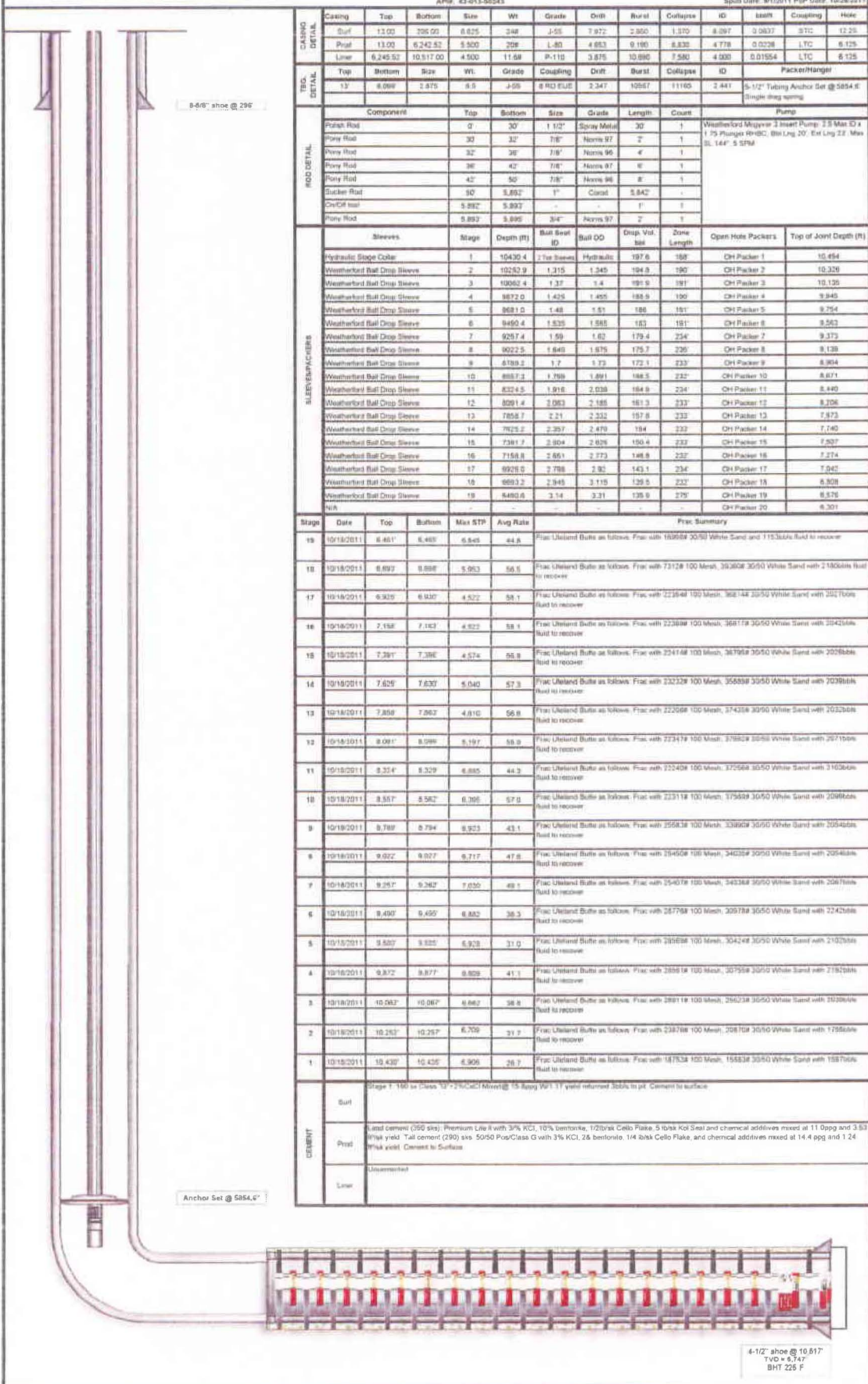
Ashley Fed D-22-9-15

SL; 893' FNL 470' FWL (NW/NW)

Section 22, T9S, R15

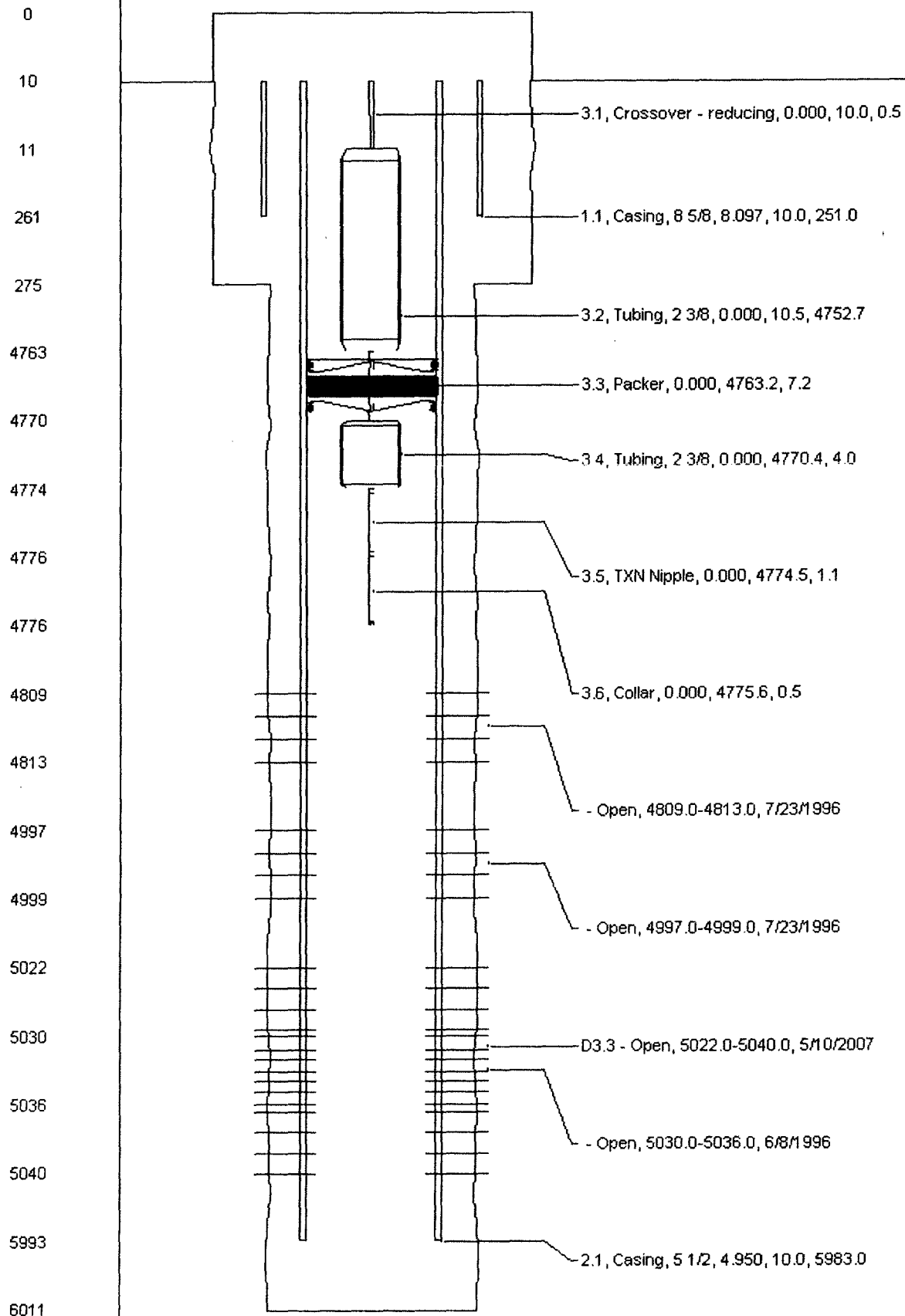
Duchesne Co, Utah

API # 43-013-33942; Lease UTU-68548



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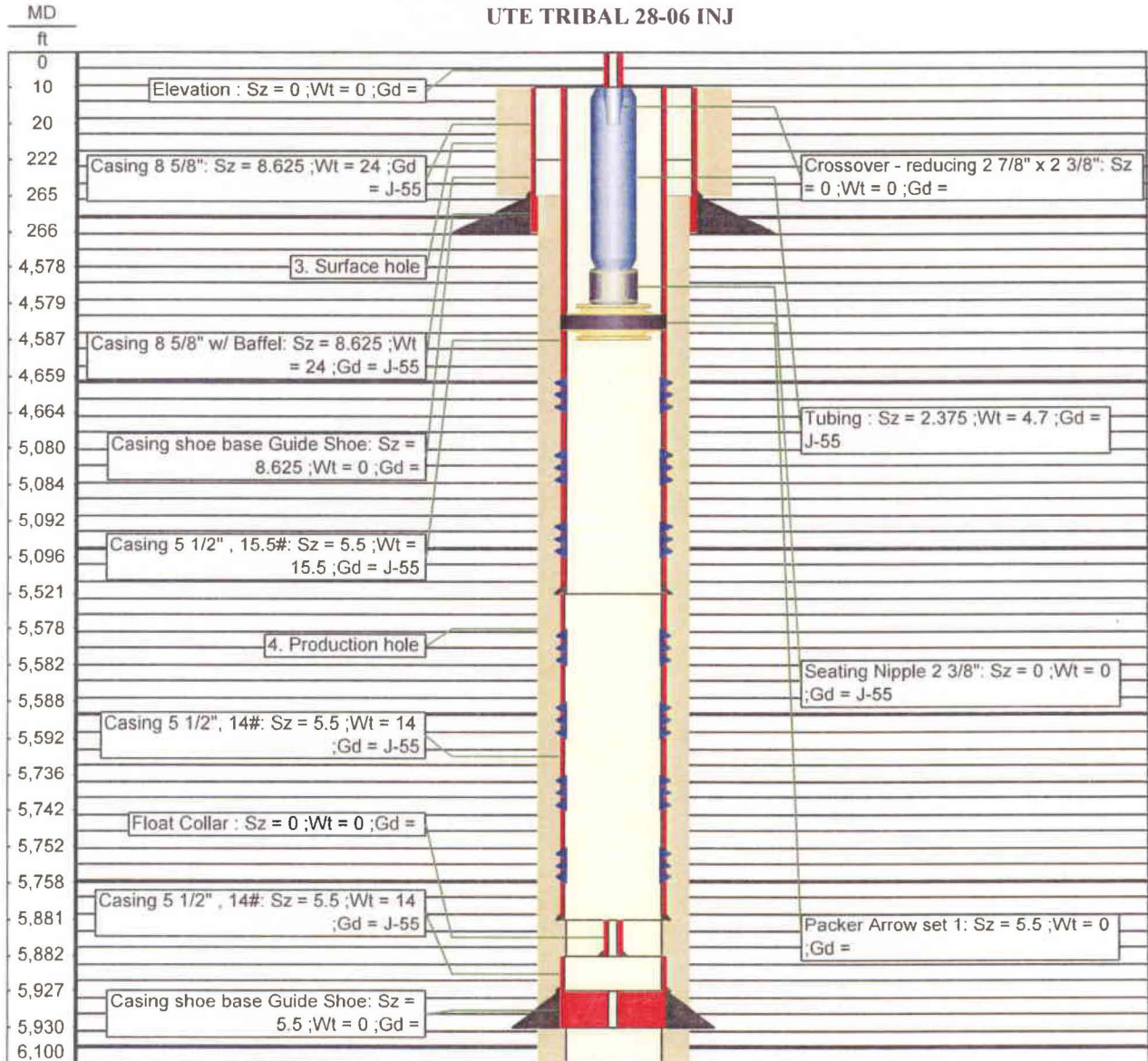
43-013-31575





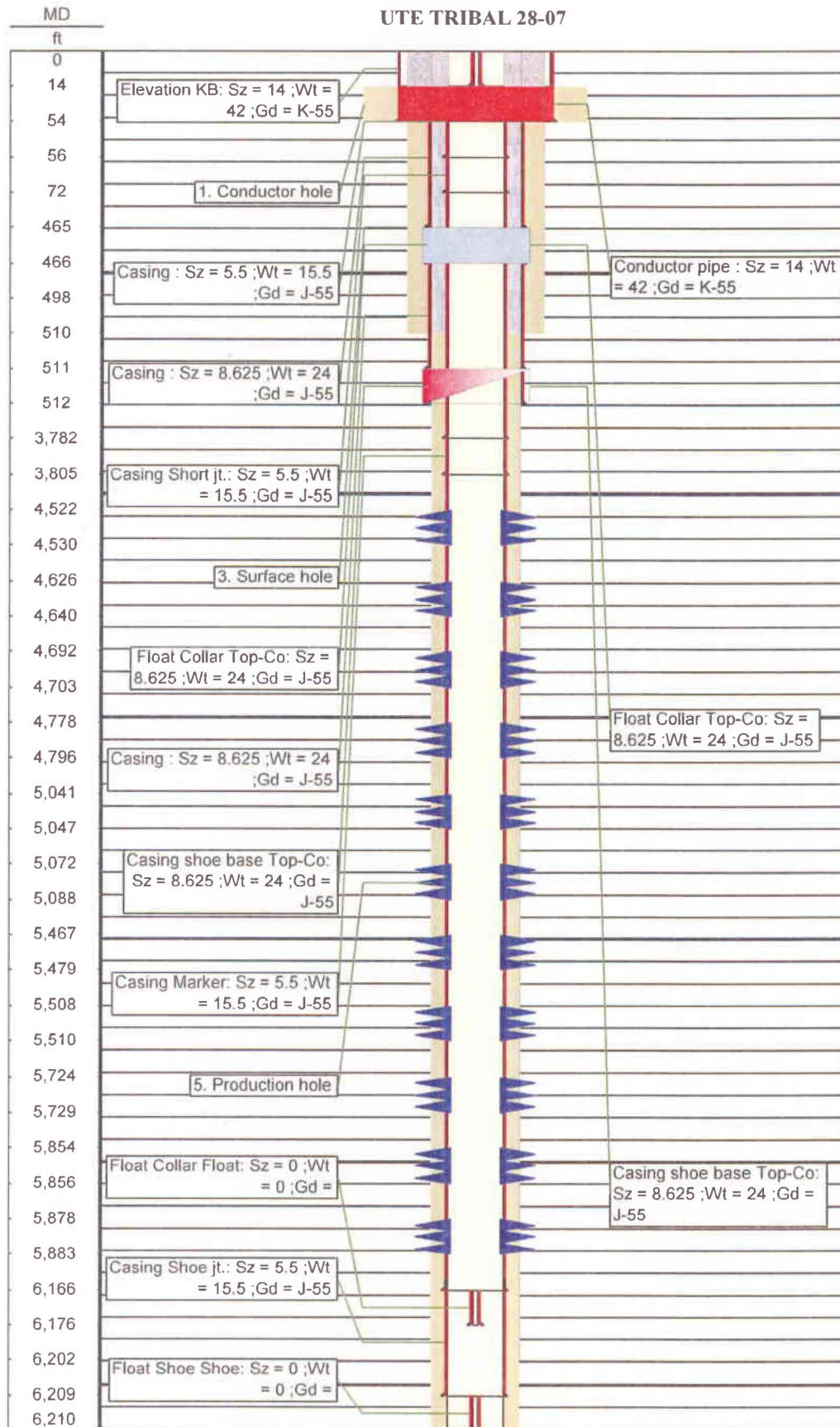
43-013-31594

UTE TRIBAL 28-06 INJ



43-013-34291

UTE TRIBAL 28-07





Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500  
BOISE, ID 83706  
(208) 685-7600

43-013-51529

**Well Book Report**

**UTE TRIBAL 28-06G --1188**

API Code	43013515290000	Spud Date	4/19/2013	Production Engineer	BEAU JUDGE
County	DUCHESNE, UT	Rig Release Date	5/28/2013	Reservoir Engineer	BEAU JUDGE
Location	28 / 5S / 3W	First Prod. Date		Landman	
WI	1	Completion Date		Technician	JESSIE GRAHAM
NRI	0.7975	First Sales Date		Geologist	MIKE HACKNEY
KB/RT Height	14.5	GL Elevation	6489	Drilling Engineer	GENE ROWLAND

**Casing – 1. Conductor**

Casing Type	1. Conductor	Total Jts Run	2	Date In	4/19/2013	Setting Depth		74	Hole Diam		26.000	
Item	Description		Size	Drift ID	ID	WT	Grade	Condition	Date Inst.	#Of	Length	CumLength
Elevation			0	0	0	0			4/19/2013	0	14	14
Casing			16	14.936	15.124	75	J-55	New	4/19/2013	1	20	34
Casing			16	14.936	15.124	75	J-55	New	4/19/2013	1	40	74

**Casing – 3. Surface**

Casing Type	3. Surface	Total Jts Run	12	Date In	4/30/2013	Setting Depth		522.52	Hole Diam		12.250	
Item	Description		Size	Drift ID	ID	WT	Grade	Condition	Date Inst.	#Of	Length	CumLength
Elevation			0	0	0	0			4/30/2013	0	14	14
Casing			8.625	7.972	8.097	24	J-55	New	4/30/2013	11	463.83	477.83
Float Collar			8.625	7.972	8.097	24	J-55	New	4/30/2013	1	1.4	479.23
Casing			8.625	7.972	8.097	24	J-55	New	4/30/2013	1	42.17	521.4
Float Shoe			8.625	7.972	8.097	24	J-55	New	4/30/2013	1	1.12	522.52

**Cement**

Stage	1	Company	PRO PETRO		Stage Successful	<input checked="" type="checkbox"/>			
Type	Tail	Density	15.8	meter	385.25	Volume	0.00	Barrels	68.61

**Casing – 5. Production**

Casing Type	5. Production	Total Jts Run	151	Date In	5/27/2013		Setting Depth		6312	Hole Diam		7.875
Item	Description		Size	Drift ID	ID	WT	Grade	Condition	Date Inst.	#Of	Length	CumLength
Elevation	RT to Top Jt/Top of Csg String		5.5	4.825	4.95	15.5	J-55	New	5/27/2013	0	14	14
Casing			5.5	4.825	4.95	15.5	J-55	New	5/27/2013	91	3819.93	3833.93
Casing	Marker Jt		5.5	4.825	4.95	15.5	J-55	New	5/27/2013	1	20.68	3854.61
Casing			5.5	4.825	4.95	15.5	J-55	New	5/27/2013	18	757.33	4611.94
Casing	Marker Jt		5.5	4.825	4.95	15.5	J-55	New	5/27/2013	1	20.62	4632.56
Casing			5.5	4.825	4.95	15.5	J-55	New	5/27/2013	39	1635.18	6267.74
Float Collar			5.5	4.825	4.95	15.5	J-55	New	5/27/2013	0	0.9	6268.64
Casing	Shoe Jt		5.5	4.825	4.95	15.5	J-55	New	5/27/2013	1	42.06	6310.7
Float Shoe			5.5	4.825	4.95	15.5	J-55	New	5/27/2013	0	1.3	6312

**Cement**

Stage	1	Company	Halliburton		Stage Successful	<input type="checkbox"/>				
Type	Spacer	Density	0.0	meter	0.00	Volume	3.00	Barrels	0.00	
Type	Spacer	Density	0.0	meter	0.00	Volume	10.00	Barrels	0.00	
Type	Wash	Density	0.0	meter	0.00	Volume	20.00	Barrels	0.00	
Type	Spacer	Density	0.0	meter	0.00	Volume	10.00	Barrels	0.00	
Type	Lead	Density	12.5	meter	1079.15	Volume	0.00	Barrels	192.20	
Type	Tail	Density	13.4	meter	677.95	Volume	0.00	Barrels	120.74	
Type	Displacement	Density	0.0	meter	0.00	Volume	150.00	Barrels	0.00	

# **UTE TRIBAL 28-06G --1188**

API Code	43013515290000	Spud Date	4/19/2013	Production Engineer	BEAU JUDGE
County	DUCHESNE, UT	Rig Release Date	5/28/2013	Reservoir Engineer	BEAU JUDGE
Location	28 / 5S / 3W	First Prod. Date		Landman	
WI	1	Completion Date		Technician	JESSIE GRAHAM
NRI	0.7975	First Sales Date		Geologist	MIKE HACKNEY
KB/RT Height	14.5	GL Elevation	6489	Drilling Engineer	GENE ROWLAND

## **Tubing**

Date In	DateOut	Tested	TestingCom.	TestingPress.	Inspected	InspectionCom.	On Site	Coated			
7/3/2013		No		0	No		No	No			
No. Of Bad Joints	0	Bad Joint Depths			Depth Of Bad Intervals						
Item	Description			Size	ID	WT	Grade	Condition	#Of	Length	CumLength
Elevation				0	0	0			0	14	14
Tubing				2.875	2.441	6.5	J-55	A - New	148	4866.58	4880.58
Anchor	5.5" w/ 45 sheer				2.441			A - New	1	2.8	4883.38
Tubing				2.875	2.441	6.5	J-55	A - New	25	824.37	5707.75
Seating Nipple	2 7/8 w/ 2.28 ID			2.875	2.441	6.5	J-55	A - New	1	1.1	5708.85
Tubing				2.875	2.441	6.5	J-55	A - New	1	32.98	5741.83
Notched collar	2 7/8 w/ f.open			2.875	2.441	6.5	J-55	A - New	1	0.45	5742.28

## **Sucker Rod**

Rod Date In	7/11/2013	Remarks										
Seq	Type	Size	Grade	Length	No.	Depth	Condition	Date Inst.	Box Type	Box Size	Guides	
10	Polish Rod	1-1/2	Polish Rod	22	1	22	A - New	7/11/2013	T	Regular	No	
20	Steel	7/8	Norris 54	2	1	24	A - New	7/11/2013	T	Regular	No	
30	Steel	7/8	Norris 54	4	1	28	A - New	7/11/2013	T	Regular	No	
40	Steel	7/8	Norris 54	25	37	953	A - New	7/11/2013	T	Regular	Yes	
50	Steel	7/8	Norris 54	25	37	1878	A - New	7/11/2013	T	Regular	No	
60	Steel	3/4	Norris 54	25	67	3553	A - New	7/11/2013	T	Regular	Yes	
70	Steel	3/4	Norris 54	25	67	5228	A - New	7/11/2013	T	Regular	No	
80	Steel	7/8	Norris 54	25	20	5728	A - New	7/11/2013	T	Regular	Yes	
API Pump Designation		2.5 x 1.75 x 16 RHAC GRVD				Manufacturer	National / Oil Well		Pump Intake Depth		5708.85	

## **Log**

Log Date	Log Type	Copies	Log Company	From	To	Other Services	Remarks
05/26/2013	Mud Log	1	Laughlin Enterprises Inc.	1300	6322		
05/27/2013	Array Compensated True Resistivity	1	Halliburton	522	6320		Depth Driller: 6322' Depth Logger: 6323' Bottom - Logged Interval: 6320' Top - Logged Interval: 522'
05/27/2013	Borehole Volume	1	Halliburton	522	6300		Depth Driller: 6322' Depth Logger: 6323' Bottom - Logged Interval: 6300' Top - Logged Interval: 522'
05/27/2013	Spectral Density Dual Spaced Neutron	1	Halliburton	522	6300		Depth Driller: 6322' Depth Logger: 6323' Bottom - Logged Interval: 6300' Top - Logged Interval: 522'
06/17/2013	Cement Bond Gamma Ray CCL Log	1	Casedhole Solutions	26	6224		Depth Driller: 6322' Depth Logger: 6234' Bottom Logged Interval: 6224' Top Log Interval: 26'

# **UTE TRIBAL 28-06G --1188**

API Code	43013515290000	Spud Date	4/19/2013	Production Engineer	BEAU JUDGE
County	DUCHESNE, UT	Rig Release Date	5/28/2013	Reservoir Engineer	BEAU JUDGE
Location	28 / 5S / 3W	First Prod. Date		Landman	
WI	1	Completion Date		Technician	JESSIE GRAHAM
NRI	0.7975	First Sales Date		Geologist	MIKE HACKNEY
KB/RT Height	14.5	GL Elevation	6489	Drilling Engineer	GENE ROWLAND

## **Perforation**

Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
4972 - 4974	C6	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
4980 - 4982	C6	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
4985 - 4987	C6	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5090 - 5098	C9.1	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5103 - 5105	C9.1	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5115 - 5116	C9.2	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5250 - 5259	D3	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5263 - 5267	D3	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5518 - 5524	D8	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5576 - 5578	D9	Casing	3 1/8"	6/21/2013	4	120	Open	6/21/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5675 - 5682	E1.1	Casing	3 1/8"	6/17/2013	4	120	Open	6/17/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5689 - 5691	E1.1	Casing	3 1/8"	6/17/2013	4	120	Open	6/17/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5713 - 5715	E2	Casing	3 1/8"	6/17/2013	4	120	Open	6/17/2013
Remarks:								
Perforation:	Formation	Perf.Guns	Gun Size	Date	Shots/Foot	Phasing	Perf Status	StatusDate
5719 - 5721	E2	Casing	3 1/8"	6/17/2013	4	120	Open	6/17/2013
Remarks:								

## **Summary**

Job Start Date	4/19/2013	Work Type	Drilling	Total Cost	\$36,469.00	Company Supervisor	Les Farnsworth
Job Start Date	5/20/2013	Work Type	Drilling	Total Cost	\$450,475.10	Company Supervisor	GENE ROWLAND
	Drill & complete directional well.						
Job Start Date	5/23/2013	Work Type	Construction	Total Cost	\$40,130.00	Company Supervisor	shane shiner
Job Start Date	6/17/2013	Work Type	Completion	Total Cost	\$299,200.00	Company Supervisor	Leon & Alex

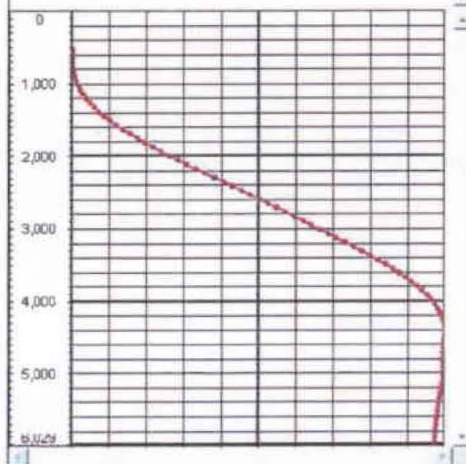
# **UTE TRIBAL 28-06G --1188**

API Code	43013515290000	Spud Date	4/19/2013	Production Engineer	BEAU JUDGE
County	DUCHESNE, UT	Rig Release Date	5/28/2013	Reservoir Engineer	BEAU JUDGE
Location	28 / 5S / 3W	First Prod. Date		Landman	
WI	1	Completion Date		Technician	JESSIE GRAHAM
NRI	0.7975	First Sales Date		Geologist	MIKE HACKNEY
KB/RT Height	14.5	GL Elevation	6489	Drilling Engineer	GENE ROWLAND

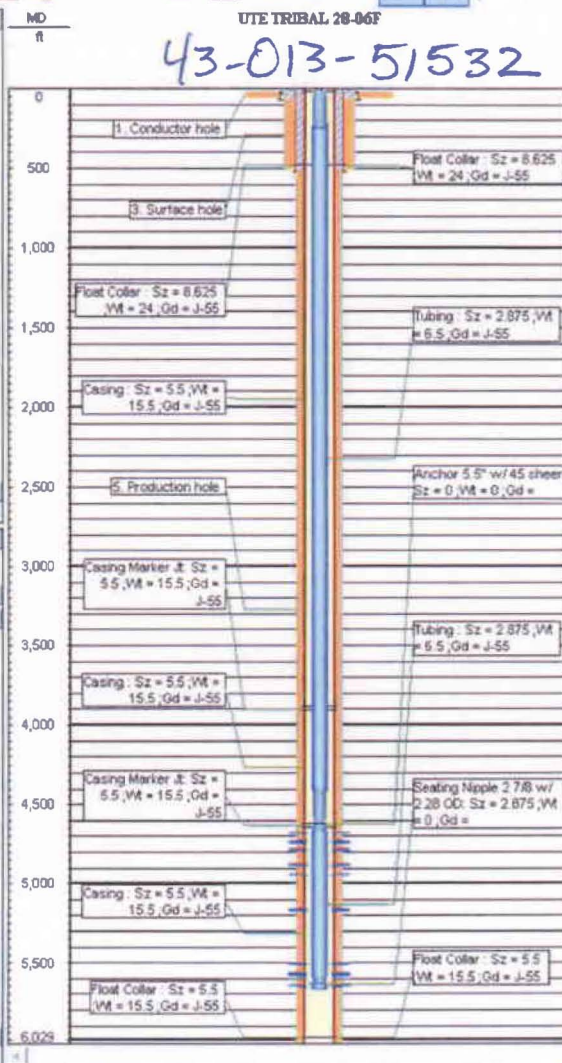
## **Formation**

FormationName	Thickness	CurrentWellTop	Lithology	GeologicComments
Base Mod	0	1404		
TRONA	0	2773		
A8 - Mahogany Shale	0	2909		
"B" Marker	0	3999		
"X" Marker	0	4472		
DCBM - Douglas Creek	0	4615		
B LM - "B" Limestone	0	4986		
BCPLS - B/Castlepeak Limestone	0	5540		
SCARB - Basal Carbonate Limestone	0	5969		

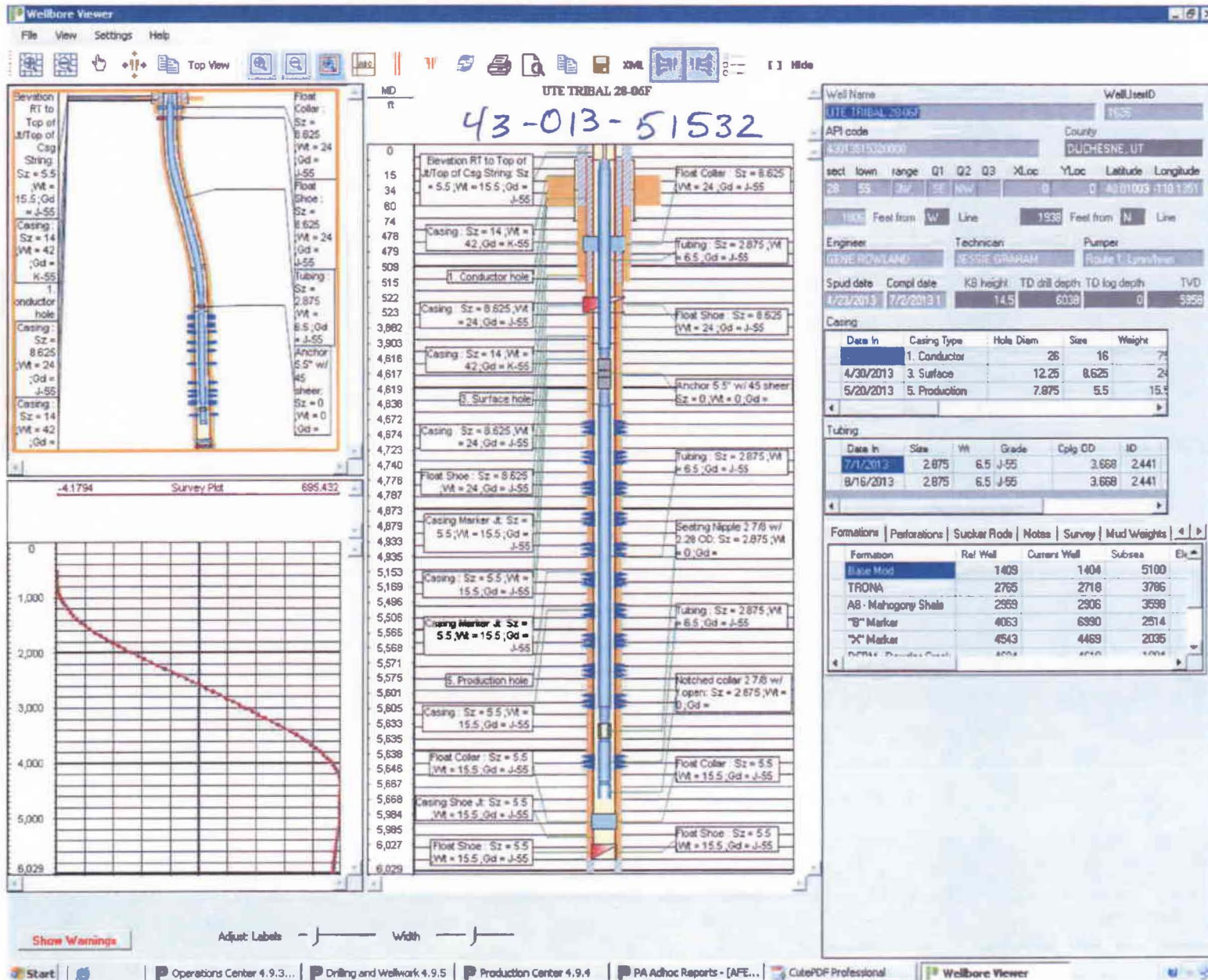




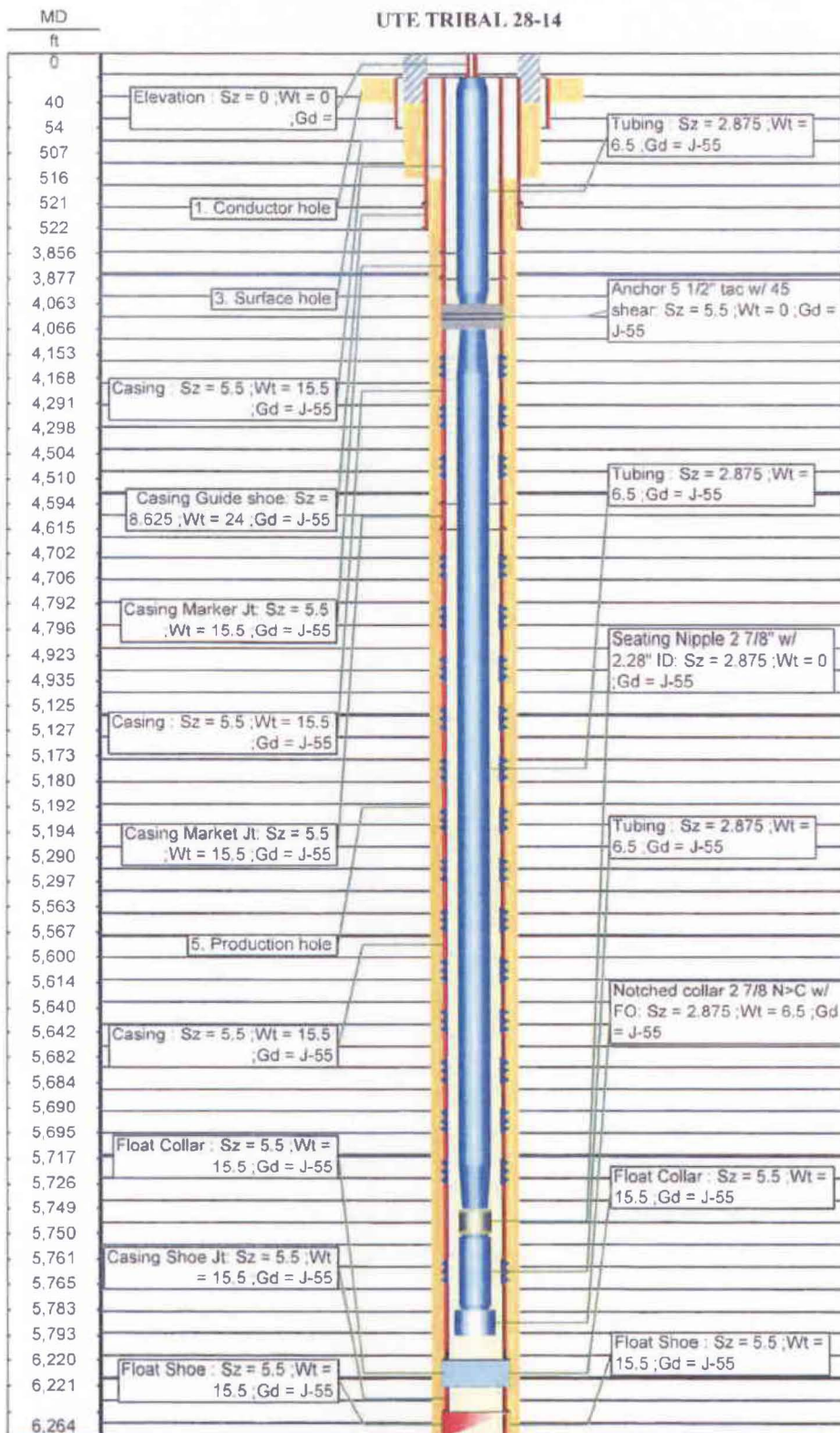
43-013-51532

Show Warnings



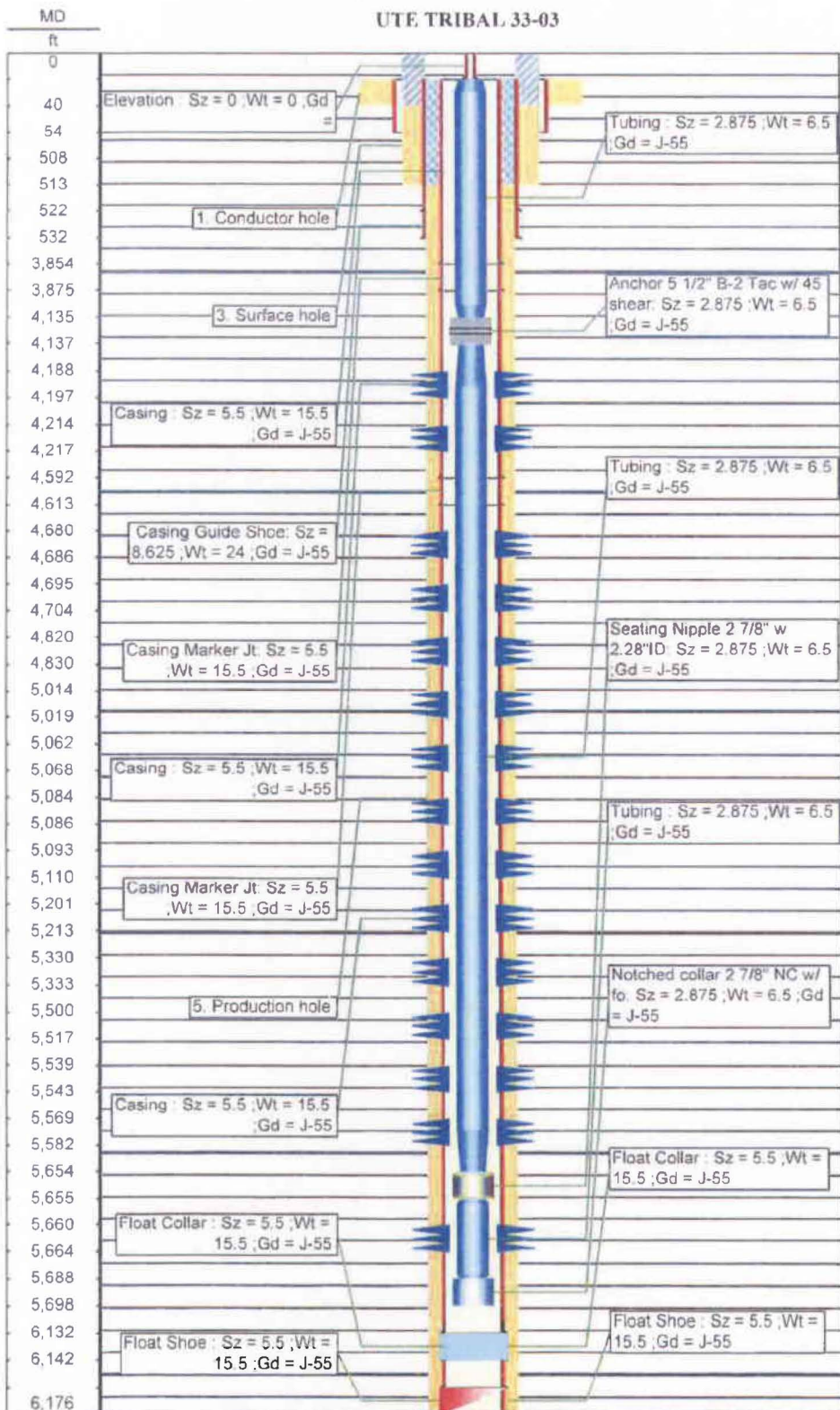


Petroglyph Energy, Inc.  
API # 43-013-50947





Petroglyph Energy, Inc.  
API # 43-013-50950





## Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem

## Water Analysis Report

Production Company: NEWFIELD PRODUCTION (158)

Sample ID: WA-53130

Well Name: Ashley IF

Sample Point: tank

Sample Date: 1 / 7 / 2011

Sales Rep: Monty Frost

Lab Tech: Peter Poulsen

## Sample Specifics

Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0017
pH:	7.98
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	6217
Molar Conductivity (µS/cm):	9420
Resitivity (Mohm):	1.0616

## Analysis @ Properties in Sample Specifics

Cations	mg/L	Anions	mg/L
Calcium (Ca):	34.57	Chloride (Cl):	3000.00
Magnesium (Mg):	18.40	Sulfate (SO₄):	10.00
Barium (Ba):	7.62	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	927.00
Sodium (Na):	2218.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	1.00
Iron (Fe):	0.32	Phosphate (PO₄):	-
Manganese (Mn):	0.02	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

## Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl

Test Conditions		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

## Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

## Notes:

2 of 4



## Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

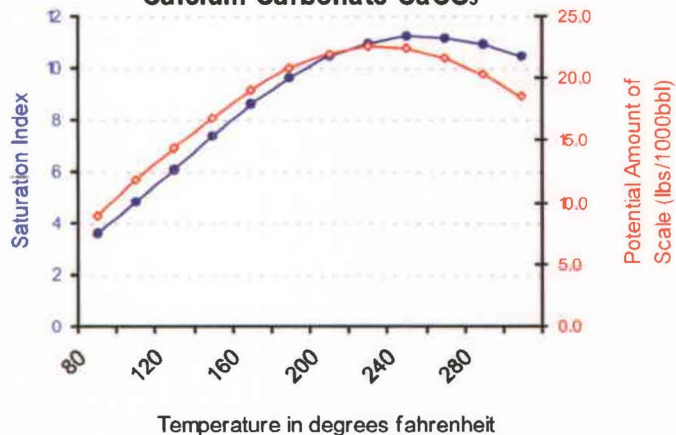
multi-chem®

### Scale Prediction Graphs

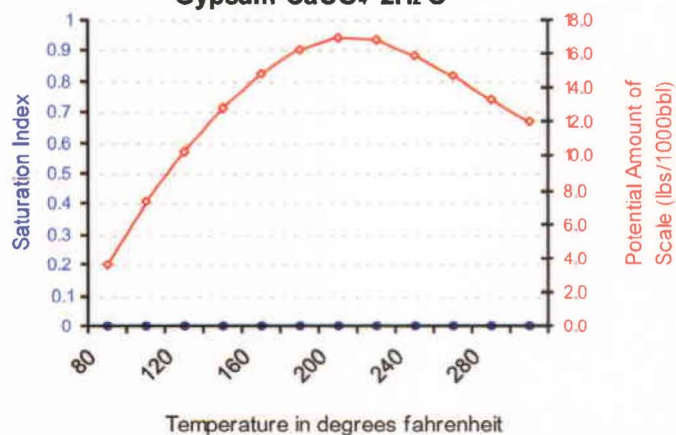
Well Name: Ashley IF

Sample ID: WA-53130

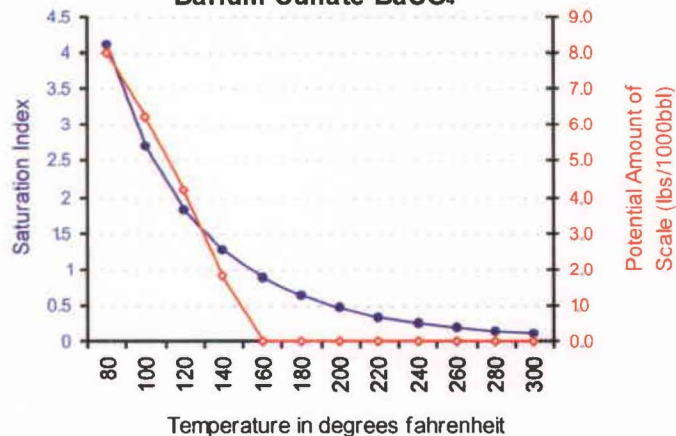
#### Calcium Carbonate $\text{CaCO}_3$



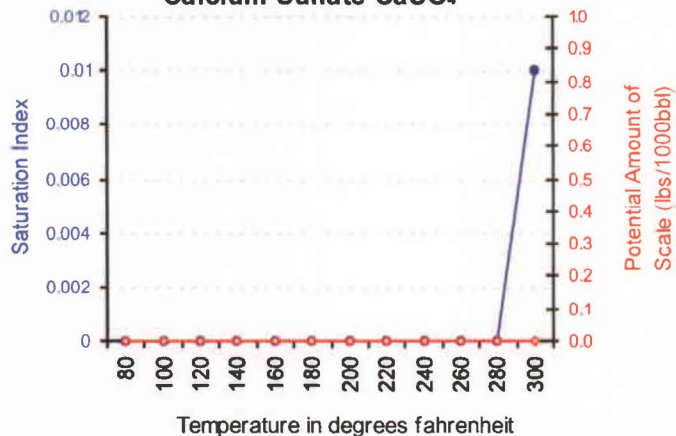
#### Gypsum $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$



#### Barium Sulfate $\text{BaSO}_4$



#### Calcium Sulfate $\text{CaSO}_4$



3 of 4

**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

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**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-58638**Well Name: **Ashley Federal 12-22-9-15**Sample Point: **Separator**Sample Date: **5 /16/2011**Sales Rep: **Darren Betts**Lab Tech: **John Keel**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	6/3/2011	<b>Cations</b>	<b>mg/L</b>	<b>Anions</b>	<b>mg/L</b>
Temperature (°F):	70	Calcium (Ca):	23.00	Chloride (Cl):	6000.00
Sample Pressure (psig):		Magnesium (Mg):	6.20	Sulfate (SO <sub>4</sub> ):	12.00
Specific Gravity (g/cm <sup>3</sup> ):	1.0090	Barium (Ba):	9.40	Dissolved CO <sub>2</sub> :	79.20
pH:	7.8	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	1098.00
Turbidity (NTU):	-	Sodium (Na):	4257.00	Carbonate (CO <sub>3</sub> ):	-
		Potassium (K):	-	H <sub>2</sub> S:	0.50
		Iron (Fe):	3.50	Phosphate (PO <sub>4</sub> ):	-
		Manganese (Mn):	0.09	Silica (SiO <sub>2</sub> ):	-
Calculated T.D.S. (mg/L):	11489	Lithium (Li):	-	Fluoride (F):	-
Molar Conductivity (µS/cm):	17407	Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-
Resitivity (Mohm):	0.5745	Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
70		1.37	2.62	0.00	-2472.90	0.00	-2853.40	-	-	7.75	12.15	1.82
80	0	1.66	4.35	0.00	-2495.70	0.00	-2810.90	-	-	6.16	11.39	0.56
100	0	2.29	7.54	0.00	-2513.70	0.00	-2644.70	-	-	4.16	9.80	0.75
120	0	2.98	10.35	0.00	-2333.10	0.00	-2399.80	-	-	2.98	8.13	0.87
140	0	3.73	12.96	0.00	-2151.30	0.00	-2110.80	-	-	2.17	6.22	1.03
160	0	4.49	15.26	0.00	-2001.00	0.00	-1807.50	-	-	1.60	4.07	1.20
180	0	5.19	17.08	0.00	-1876.30	0.00	-1512.40	-	-	1.20	1.66	1.37
200	0	5.75	18.26	0.00	-1772.90	0.00	-1240.40	-	-	0.90	-1.02	1.44
220	2.51	6.05	18.82	0.00	-1706.40	0.00	-1011.00	-	-	0.67	-4.24	1.51
240	10.3	6.16	18.59	0.00	-1637.30	0.00	-803.24	-	-	0.52	-7.60	1.58
260	20.76	6.06	17.73	0.00	-1581.30	0.00	-629.14	-	-	0.40	-11.34	1.66
280	34.54	5.77	16.38	0.00	-1537.10	0.00	-486.29	-	-	0.31	-15.49	1.74
300	52.34	5.35	14.71	0.00	-1503.90	0.01	-371.06	-	-	0.24	-20.13	1.82

**Conclusions:**

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

**Notes:**

P=0.6



# ATTACHMENT F

4084



## Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

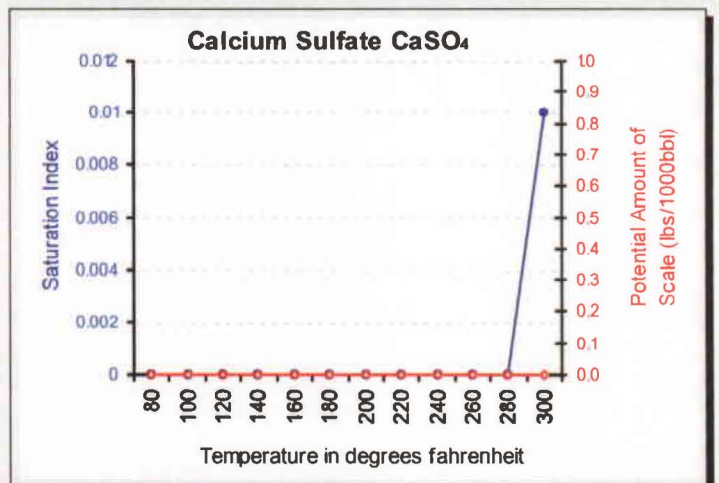
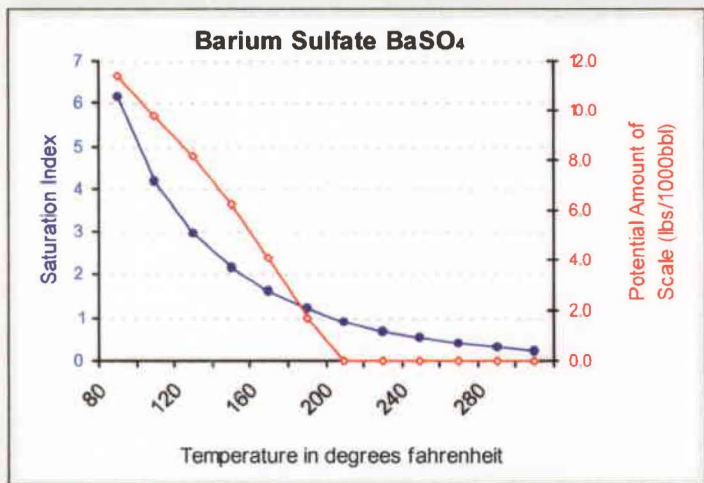
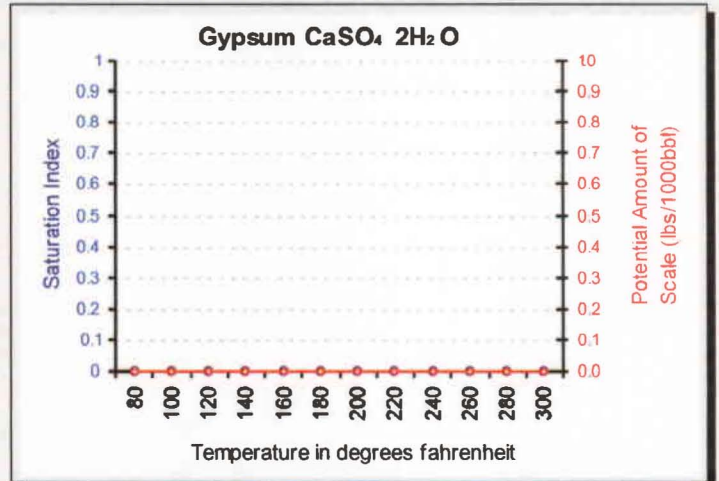
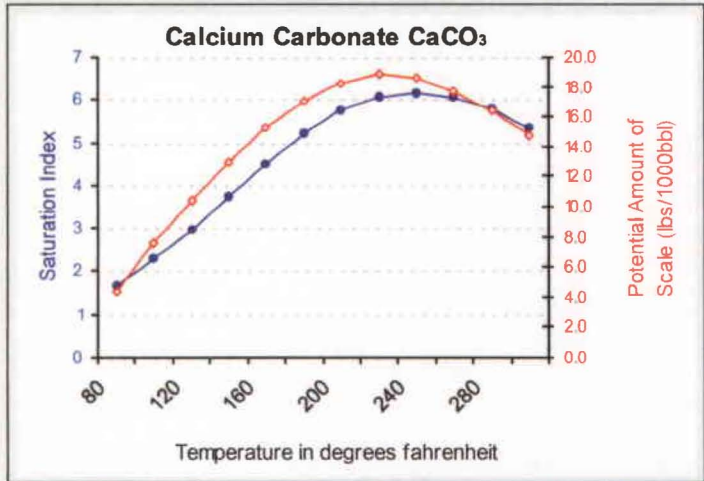
1553 East Highway 40

Vernal, UT 84078

### Scale Prediction Graphs

Well Name: Ashley Federal 12-22-9-15

Sample ID: WA-58638





**Attachment "G"**

**Ashley Federal #12-22-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5423	5508	5466	1970	0.80	1935 ←
3083	5125	4104	2470	1.23	2450
4649	4664	4657	2330	0.93	2300
				Minimum	<u>1935</u>

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (Frac\ Grad - (0.433 * 1.015)) \times \text{Depth of Top Perf}$   
where pressure gradient for the fresh water is .433 psi/ft and  
specific gravity of the injected water is 1.015.

$Frac\ Gradient = (ISIP + (0.433 * \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

**Daily Completion Report****GILSONITE STATE 8-32**

SE/NE Sec. 32, 8S, 17E

Duchesne Co., Utah

API # 43-013-31498

Surf Spud Date: 3/22/97

Rotary Spud Date: 3/29/97

TD: 5900'

Compl Rig: Basin #6

**4/20/97 PO: Perf & frac "A" sd. (Day 1)**

Summary: 4/19/97 - MIRU Basin #6. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper & 189 jts 2-7/8" 8rd 6.5# M-50 tbg. Tag PBDT @ 5844'. NU BOP. Press test csg to 3000 psi. Swb FL dn to 4700'. TOH w/tbg to 4604'. SIFN.

DC: \$24,624 TWC: \$252,372

**4/21/97 SD for Sunday.****4/22/97 PO: Perf "C" sd. (Day 2)**

Summary: 4/21/97 - cont'd TOH w/tbg. LD bit & scraper. RU Western Atlas & **PERF "A" SD @ 5267-79' W/4 JSPF**. TIH w/tbg to 5769'. IFL @ 4700', made 4 runs, rec 10 BW, FFL @ 5300'. TOH w/tbg. NU isolation tool. RU Halliburton to frac "A" sd w/86,700# of 20/40 sd in 488 bbls of Boragel. Perfs broke @ 2423 psi. Treated @ ave rate of 28 bpm w/ave press of 2700 psi. ISIP: 3883 psi, 5 min: 3678 psi. Flowback on 12/64" ck for 1-1/2 hrs & died. Rec 50 BTF. SIFN. Est 438 BWTR.

DC: \$23,510 TWC: \$275,882

**4/23/97 PO: Frac "C" sd. (Day 3)**

Summary: 4/22/97 - CP: 0 (vacuum). TIH w/Baker 5-1/2" RBP. Set plug @ 5062'. Press test plug to 3000 psi (took 28 BW to fill hole). Swb FL dn to 2500'. Starting to get inflow past RBP. TIH w/tbg & tag plug. Plug still set. Cont'd swabbing dn to 4400'. Plug holding. Rec 164 BW. TOH w/tbg. RU Western Atlas & **PERF "C" SD @ 4975-77', 4981-83', 4985-88', 4994-5003' W/4 JSPF**. TIH w/tbg to 1872'. SIFN. Est 302 BWTR.

DC: \$5,012 TWC: \$280,894

**4/24/97 PO: Pull plug/clean out to btm. (Day 4)**

Summary: 4/23/97 - TP: 0, CP: 0. Cont'd TIH w/tbg f/1872' to 5030'. IFL @ 3400', made 6 runs, rec 28 BW, FFL @ 4500' & maintaining. TOH w/tbg. NU isolation tool. RU Halliburton to frac "C" sd w/102,000# of 20/40 sd in 557 bbls Boragel. Perfs broke @ 2350 psi. Treated @ ave rate of 29.5 bpm w/ave press of 2000 psi. ISIP: 3171 psi, 5 min: 2960 psi. Flowback on 12/64" ck for 2-1/2 hrs & died. Rec 95 BTF. SIFN. Est 736 BWTR.

DC: \$24,222 TWC: \$305,116

**4/25/97 PO: Swab test well. (Day 5)**

Summary: 4/24/97 - TP: 0, CP: 0. TIH w/RH & tbg. Tag sd @ 4746'. Clean out sd to RBP @ 5062' (lost 45 BW during circ). Release plug. TOH w/tbg & LD plug. TIH w/NC & tbg. Tag sd @ 5550' (271' rathole). Pull EOT to 5535'. RU swb. IFL @ 400', rec 110 BTF w/tr of oil & tr of sd, FFL @ 2900'. SIFN. Est 671 BWTR.

DC: \$2,495 TWC: \$307,611

**4/26/97 PO: Land tbg/run rods/POP. (Day 6)**

Summary: 4/25/97 - TP: 0, CP: 0. IFL @ 1900', made 12 runs, rec 78 BTF (est 62 BW, 16 BO), FFL @ 3400'. Last 6 runs FL @ 3400' w/no sd. FOC @ 10%. FFR @ 7 bph. Parted sandline. TOH w/tbg. Retrieve sandline & sinker bars. TIH w/prod tbg to 4340'. SIFN. Est 609 BWTR.

DC: \$3,006 TWC: \$310,617



Daily Completion Report - Page Two

**GILSONITE STATE 8-32**

SE/NE Sec. 32, 8S, 17E

Duchesne Co., Utah

API # 43-013-31498

Surf Spud Date: 3/22/97

Rotary Spud Date: 3/29/97

TD: 5900'

Compl Rig: Basin #6

**4/27/97 PO: Well on production. (Day 7)**

Summary: 4/26/97 - TP: 20, CP: 50. Bleed gas off well. Finish TIH w/prod tbg as follows: NC, 2 jts tbg, SN, 2 jts tbg, TA & 168 jts 2-7/8" 6.5# M-50 tbg. ND BOP. Set TA @ 5229.40', SN @ 5291.88', EOT @ 5354.75'. Land tbg w/10,000# tension. NU wellhead. RU hot oil trk to flush tbg w/35 BW. TIH w/rod string as follows: 2-1/2 x 1-1/2 x 15' RHAC pump, 4 - 1" scraped rods, 107 - 3/4" plain rods, 100 - 3/4" scraped rods, 1 - 2' x 3/4" pony rod & 1-1/2" x 22' polished rod. Seat pump. RU pumping unit. Fill tbg w/13 BW. Press test to 400 psi. Stroke pump up to 650 psi. Good pump action. RDMO. **PLACE WELL ON PRODUCTION @ 3:40 PM, 4/26/97 W/74" SL @ 7 SPM.** Est 657 BWTR.  
DC: \$108,231 TWC: \$418,848



ATTACHMENT G-1  
3 of 3

Daily Completion Report - Page Three

GILSONITE STATE 8-32  
SE/NE Sec. 32, 8S, 17E  
Duchesne Co., Utah  
API # 43-013-31498

Surf Spud Date: 3/22/97  
Rotary Spud Date: 3/29/97  
TD: 5900'  
POP: 4/26/97 @ 3:40 pm w/74" SL @ 7 spm

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	<u>BWTR</u>	<u>Csg PSI</u>	<u>Remarks</u>
4/26/97	16			657		Rec'd during completion
4/27/97	33		21	636	0#	Dn 12 hrs
4/28/97	43		27	609	30#	Dn 8 hrs, turn into treater
4/29/97	99	v - 56	38	571	70#	
4/30/97	106	v - 85	0	571	70#	
5/1/97	104	v - 143	12	559	70#	
5/2/97	119	v - 130	13	546	70#	
5/3/97	116	v - 58	13	533	70#	
5/4/97	126	v - 56	13	520	70#	
5/5/97	120	v - 58	6	514	70#	
5/6/97	117	v - 87	6	508	70#	
5/7/97	138	v - 87	13	495	70#	Trtr upset - oil to wtr tank
5/8/97	119	v - 87	9	486	70#	Adjusted 5/7 prod for drain on wtr tank

FINAL REPORT

IP: 116 BOPD, 85 MCFD, 12 BWPD (10 DAY AVE, 5/97)

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4599'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 187' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" cement down 5 ½" casing to 358'

The approximate cost to plug and abandon this well is \$42,000.

## Ashley Federal 12-22-9-15

Spud Date: 05/18/2006  
Put on Production: 06/22/2006  
K.B.: 6488, G.L.: 6476

Initial Production: BOPD,  
MCFD, BWPD

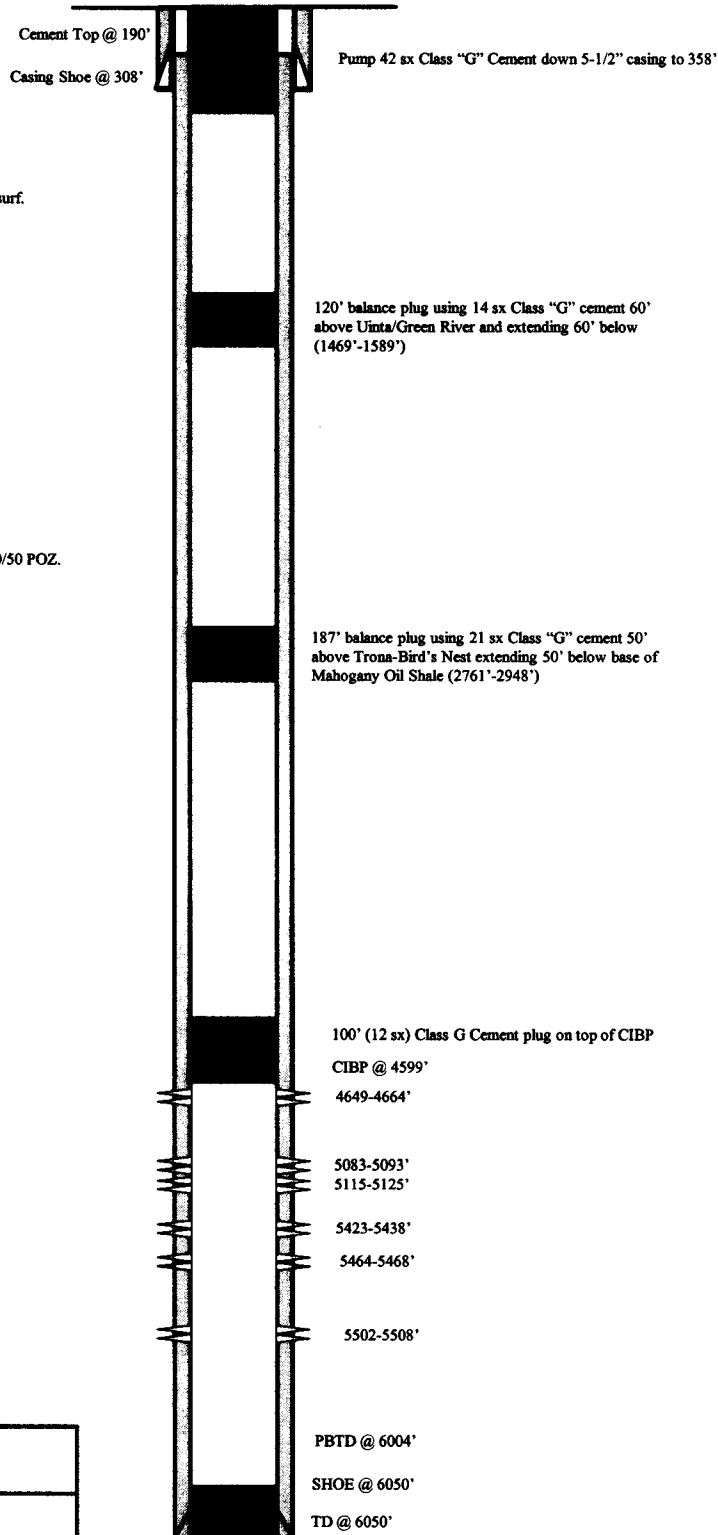
### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts. (300.51')  
DEPTH LANDED: 308.05' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (6037.01')  
DEPTH LANDED: 6050.26' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 190'

### Proposed P & A Wellbore Diagram



**NEWFIELD**

**Ashley Federal 12-22-9-15**

1891' FSL & 476' FWL

NW/SW Section 22-T9S-R15E

Duchesne Co, Utah

API #43-013-32859; Lease #UTU-66185



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1891 FSL 476 FWL

NWSW Section 22 T9S R15E

5. Lease Serial No.

USA UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

ASHLEY FEDERAL 12-22-9-15

9. API Well No.

4301332859

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jill Loyle

Signature

Title

Regulatory Technician

Date

01/03/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

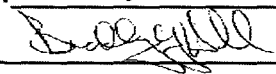
<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 12-22-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1891 FSL 0476 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 22 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013328590000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SITA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/31/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**  

The subject well has been converted from a producing oil well to an injection well on 01/30/2014. On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1545 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
  
**Date:** February 12, 2014  
**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/10/2014	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 1/31/2014 Time 10:15 am pm

Test Conducted by: Kevin Powell

Others Present: \_\_\_\_\_

Well: Ashley Federal 12-22-9-15

Field: Monument Butte

Well Location: NW/3W Sec. 22, T4S, R15E  
Duchesne County, Utah

API No: 43-013-32859

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1544</u>	psig
5	<u>1545</u>	psig
10	<u>1545</u>	psig
15	<u>1545</u>	psig
20	<u>1545</u>	psig
25	<u>1545</u>	psig
30 min	<u>1545</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: Pass Fall

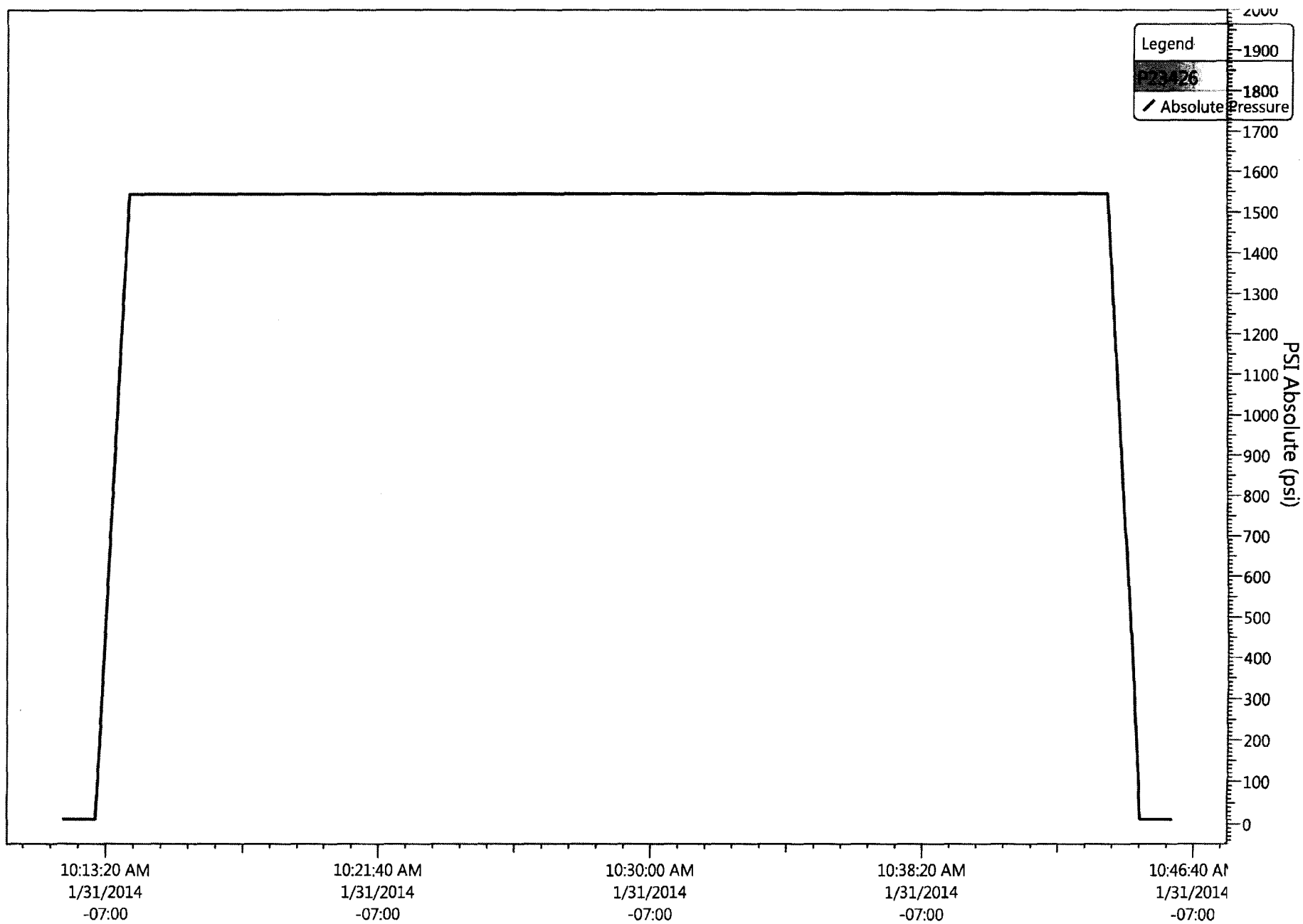
Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Kevin Powell

Sundry Number: 47739 API Well Number: 43013328590000

Ashley 12-22-9-15 MIT (1-31-2014)

1/31/2014 10:10:39 AM



## Daily Activity Report

Format For Sundry

**ASHLEY 12-22-9-15**

**11/1/2013 To 3/28/2014**

**1/29/2014 Day: 1**

**Conversion**

Nabors #1108 on 1/29/2014 - MIRU PUMP 40 BBLS TBG FLUSH @ 250 F. POOH WITH 30 JNTS TBG BREAKING EVERY CONNECTION, CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING, RETORQUE TO SPEC. - TRAVEL TIME - SPOT RIG, RU RIG, PUMP 60 BBLS DOWN CSG @250 F. - POOH WITH 30 JNTS TBG BREAKING EVERY CONNECTION, CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING, RETORQUE TO SPEC - FLUSH TBG WITH 30 BBLS WATER @ 250 F. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. - POOH WITH RODS LAYING DOWN ON ROD TRAILER. - SOFT SEAT AND LOAD TBG WITH 15 BBLS WATER, PT TBG TO 3000 PSI, GOOD TEST. - ON STAND BY FOR WATER - PUMP 40 BBLS TBG FLUCH @250 F. - UNHANG RODS AND HORSES HEAD. UNSEAT PUMP AND PULL HIGH. - SPOT RIG, RU RIG, PUMP 60 BBLS DOWN CSG @250 F. - ROAD RIG TO THE 12-22-9-15 - TRAVEL TIME - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. - POOH WITH RODS LAYING DOWN ON ROD TRAILER. - SOFT SEAT AND LOAD TBG WITH 15 BBLS WATER, PT TBG TO 3000 PSI, GOOD TEST. - ON STAND BY FOR WATER - PUMP 40 BBLS TBG FLUCH @250 F. - UNHANG RODS AND HORSES HEAD. UNSEAT PUMP AND PULL HIGH. - FLUSH TBG WITH 30 BBLS WATER @ 250 F. - POOH WITH 30 JNTS TBG BREAKING EVERY CONNECTION, CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING, RETORQUE TO SPEC - SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - ROAD RIG TO THE 12-22-9-15 - SWIFN, CLEAN LOCATION, SDFN.

**Daily Cost:** \$0

**Cumulative Cost:** \$18,056

**1/30/2014 Day: 2**

**Conversion**

Nabors #1108 on 1/30/2014 - POOH W/ TBG. PU/MU PKR ASSY TIH W/ PKR ASSY AND TBG - TRAVEL TIME - TRAVEL TIME - SWIFN, CLEAN LOCATION, SDFN. - RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH SV. POOH WITH SANDLINE AND RD TOOLS. - PT TBG TO 3000 PSI FOR 30 MIN, GOOD TEST. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN. - ON STANDBY WAITING FOR HOT OILER TO SHOW UP AND GET LOADED. - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND TBG, TBG DETAIL AS FOLLOWS: XN PROFILE NIPPLE, 4' TBG SUB, XO, PACKER, ON/OFF TOOL, PSN, 145 JNTS TBG. PREP TO PT TBG. - POOH WITH TBG BREAKING EVERY CONNECTION CLEANING THREADS AND INSPECTING FOR DAMAGE OR GAULDING, APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT TO DESIRED DEPTH (4600') LD EXCESS 30 JNTS TBG FROM BOTTOM OF STRING. - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG 220 PSI, BD WELL AND OPEN BOP. - TRAVEL TIME - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG 220 PSI, BD WELL AND OPEN BOP. - POOH WITH TBG BREAKING EVERY CONNECTION CLEANING THREADS AND INSPECTING FOR DAMAGE OR GAULDING, APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT TO DESIRED DEPTH (4600') LD EXCESS 30 JNTS TBG FROM BOTTOM OF STRING. - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND TBG, TBG DETAIL AS FOLLOWS: XN PROFILE NIPPLE, 4' TBG SUB, XO, PACKER, ON/OFF TOOL, PSN, 145 JNTS TBG. PREP TO PT TBG. - ON STANDBY WAITING FOR HOT OILER TO SHOW UP AND GET LOADED. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN. - PT TBG TO 3000 PSI FOR 30 MIN, GOOD TEST. - TRAVEL TIME - SWIFN, CLEAN LOCATION, SDFN. - RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH SV. POOH WITH SANDLINE AND RD TOOLS.

**Daily Cost:** \$0

**Cumulative Cost:** \$26,089

**1/31/2014 Day: 3**

**Conversion**

Nabors #1108 on 1/31/2014 - CHECK TBG AND CSG PRESSURES, TBG 120 PSI, CSG 140 PSI, BD WELL AND OPEN BOP. ND WH, SET PACKER AND PACK OFF, LAND TBG IN 18K TENSION, NU WH. - ROAD RIG FROM THE 12-22-9-15 TO THE 16-20-9-16. ROADS WERE VERY SLICK. - RD RIG, RACK OUT WINCH TRUCK AND TOOLS. - LOAD CSG WITH 15 BBLS FRESH WATER, PRESSURE UP TO 1400 PSI AND START PT CSG, FAILED TEST, BUMP UP AND RETEST. FINALLY GOT A GOOD CSG TEST FOR 30 MIN. - ND WH, SET PACKER AND PACK OFF, LAND TBG IN 18K TENSION, NU WH. - RU HOT OILER TO CSG, PUMP 60 BBLS PACKER FLUID DOWN CSG. - RD WORK FLOOR, ND BOP, LAND TBG ON INJECTION TREE, NU WH. - CHECK TBG AND CSG PRESSURES, TBG 120 PSI, CSG 140 PSI, BD WELL AND OPEN BOP. - TRAVEL TIME - ROAD RIG FROM THE 12-22-9-15 TO THE 16-20-9-16. ROADS WERE VERY SLICK. - RD RIG, RACK OUT WINCH TRUCK AND TOOLS. - TRAVEL TIME - CHECK TBG AND CSG PRESSURES, TBG 120 PSI, CSG 140 PSI, BD WELL AND OPEN BOP. - RD WORK FLOOR, ND BOP, LAND TBG ON INJECTION TREE, NU WH. - RU HOT OILER TO CSG, PUMP 60 BBLS PACKER FLUID DOWN CSG. - ND WH, SET PACKER AND PACK OFF, LAND TBG IN 18K TENSION, NU WH. - LOAD CSG WITH 15 BBLS FRESH WATER, PRESSURE UP TO 1400 PSI AND START PT CSG, FAILED TEST, BUMP UP AND RETEST. FINALLY GOT A GOOD CSG TEST FOR 30 MIN. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$31,860

**2/4/2014 Day: 4**

**Conversion**

Rigless on 2/4/2014 - Conduct initial MIT - On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1545 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 01/30/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/31/2014 the casing was pressured up to 1545 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$64,072

**Pertinent Files: Go to File List**



# Ashley Federal 12-22-9-15

Spud Date: 05/18/2006  
Put on Production: 06/22/2006  
K.B.: 6488, G.L.: 6476

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (300.51')  
DEPTH LANDED: 308.05' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" crnt, est 8 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts (6037.01')  
DEPTH LANDED: 6050.26' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 190'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 145 jts (4577.4')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4589.4' KB  
ON/OFF TOOL AT: 4590.5'  
ARROW #1 PACKER CE AT: 4595.6'  
XO 2-3/8 x 2-7/8 J-55 AT: 4599.2'  
TBG PUP 2-3/8 J-55 AT: 4599.7'  
X/N NIPPLE AT: 4603.8'  
TOTAL STRING LENGTH: EOT @ 4605.48'

### FRAC JOB

06/19/06 5423-5508' **Frac LODC sands as follows:**  
80545# 20/40 sand in 612 bbls Lightning 17  
frac fluid. Treated @ avg press of 1768 psi  
w/avg rate of 25 BPM. ISIP 1970 psi. Calc  
flush: 5506 gal Actual flush: 4872 gal


06/19/06 5083-5125' **Frac A3, LODC sands as follows:**  
88349# 20/40 sand in 664 bbls Lightning 17  
frac fluid. Treated @ avg press of 2447 psi  
w/avg rate of 24.9 BPM. ISIP 2470 psi. Calc  
flush: 5123 gal Actual flush: 4536 gal

06/19/06 4649-4664' **Frac D2 sands as follows:**  
71591# 20/40 sand in 541 bbls Lightning 17  
frac fluid. Treated @ avg press of 2169 psi  
w/avg rate of 25 BPM. ISIP 2330 psi. Calc  
flush: 4662 gal Actual flush: 4494 gal

01/30/14 **Convert to Injection Well**  
01/31/14 **Conversion MIT Finalized** - update thg  
detail

### PERFORATION RECORD

Date	Interval	Tool	Holes
06/12/06	5502-5508'	4 JSPF	24 holes
06/12/06	5464-5468'	4 JSPF	16 holes
06/12/06	5423-5438'	4 JSPF	60 holes
06/19/06	5115-5125'	4 JSPF	40 holes
06/19/06	5115-5125'	4 JSPF	40 holes
06/19/06	4649-4664'	4 JSPF	60 holes



**Ashley Federal 12-22-9-15**  
1891' FSL & 476' FWL  
NW/SW Section 22-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32859; Lease #UTU-66185

